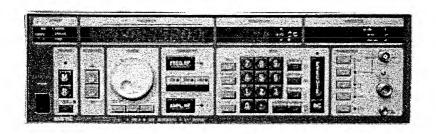
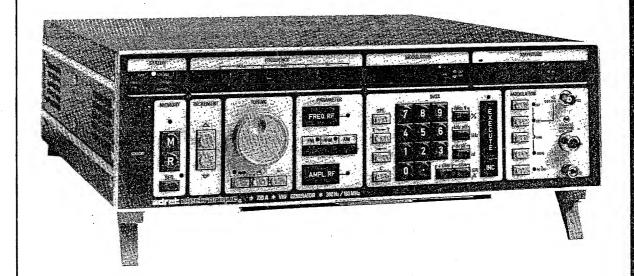
ADRET

VHF GENERATOR MODEL 730A



MAINTENANCE HANDBOOK PART TWO **ADRET**ELECTRONIQUE®





VHF GENERATOR 300 Hz/180 MHz

with AM, FM and \$\phi M\$ modulation facilities

II MAINTENANCE

730 A

No

ADRETELECTRONIQUE®

12, avenue Vladimir Komarov • BP 33 78192 Trappes Cedex • France • Tél. 051.29.72 Téléfax 051.00.74 • Télex ADREL 697821 F • Siret 679805077 - 00014 • CCP Paris 21797 04 •

TABLE DES MATIERES

- * SIGNIFICATION des codes sous/ensembles et Réf. Adret
- * ARTICULATION et SYNOPTIQUE
- * SCHEMAS et NOMENCLATURES
- * LISTE des COMPOSANTS
- * LISTE des SOUS-ENSEMBLES MAINTENANCE
 - Outillage
 - Rechange 100%
 - Rechange 70%
 - Composants maintenance
- * Garantie et Assistance

CONTENT

- * MEANING of the part number and Adret codes
- * ARTICULATION and BLOCK DIAGRAM
- * DIAGRAMS and NOMENCLATURES
- * COMPONENTS LIST
- * RECOMMENDED SUB-ASSEMBLIES or PC board
 - Extended boards
 - Set of 100% of repairs
 - Set of 70% or repairs
 - Set of components
- * Warranty and Assistance

SIGNIFICATION des codes sous/ensembles et Ref. Adret

Dans le chapitre SCHEMAS et NOMENCLATURES, les deux premiers chiffres

- du code s/ensemble :

(page 1)

- et de la Ref. Adret

(page 2 et suivantes),

correspondent à une famille de produits.

Le détail de ces familles est donné dans le tableau ci-après.

Exemples

Page 1: Articulation

| F'AGE | CODE S/ENSEMBLE DESCRIPTION FART NUMBER | * | FLAN DRAWING |
|--------------------------|---|--|-------------------------------|
| - 2 - 5 - 6 - 7 | 0471004009-* 16 OPTION AMPLI STD 0271520000-* 13 ATTENUATEUR 0273210000-* 03 CARTE BF AMPLI STD 0274740000-* 02 CDE AMPLI STD Soit le code s/ensemble 02 71520000. | * 16 OPTION AMPLI 650MHZ . * 13 ATTENUATOR ASSEMBLY . * 03 BF BOARD AMPLI 650MHZ . * 02 CONTROL AMPLI 650MHZ. | C94A98*97 A92C98 A93A97 |

Le tableau ci-après indique qu'il s'agit d'un sous-ensemble (02).

Page 2 et suivantes : Nomenclature

| | REF. ADRET PART NUMBER | | PART | | FOURNISSEUR/FLAN SUPPLIER/IRAWING |
|----------------------------|--|-----------------------|---|--|---|
| B -002 C -001 C -002 | 0273210000 0274740000 1400217300 1420020700 3100620000 3150042200 3800042200 | AT CAPTE DE AMOIT CTD | * KMV10 00 FR * TKF254 M * PINCH FILTE * 0,22MMF 5 5 * CHIPS 0,22M * 8.2FF 2.5"E | AMPLI 650MHZ AMPLI 650MHZ, ONT ANCHOR MALE 20 MALE TO SOLIER R ZFN 5203-00A 50420% 3439050 E224M IMF 20% 25V Z5U-1808 " 2222 678 09 828 | SEALECTRO TRELEC TUK AVX RTC. COGECO |
| | _ | | · · | | |

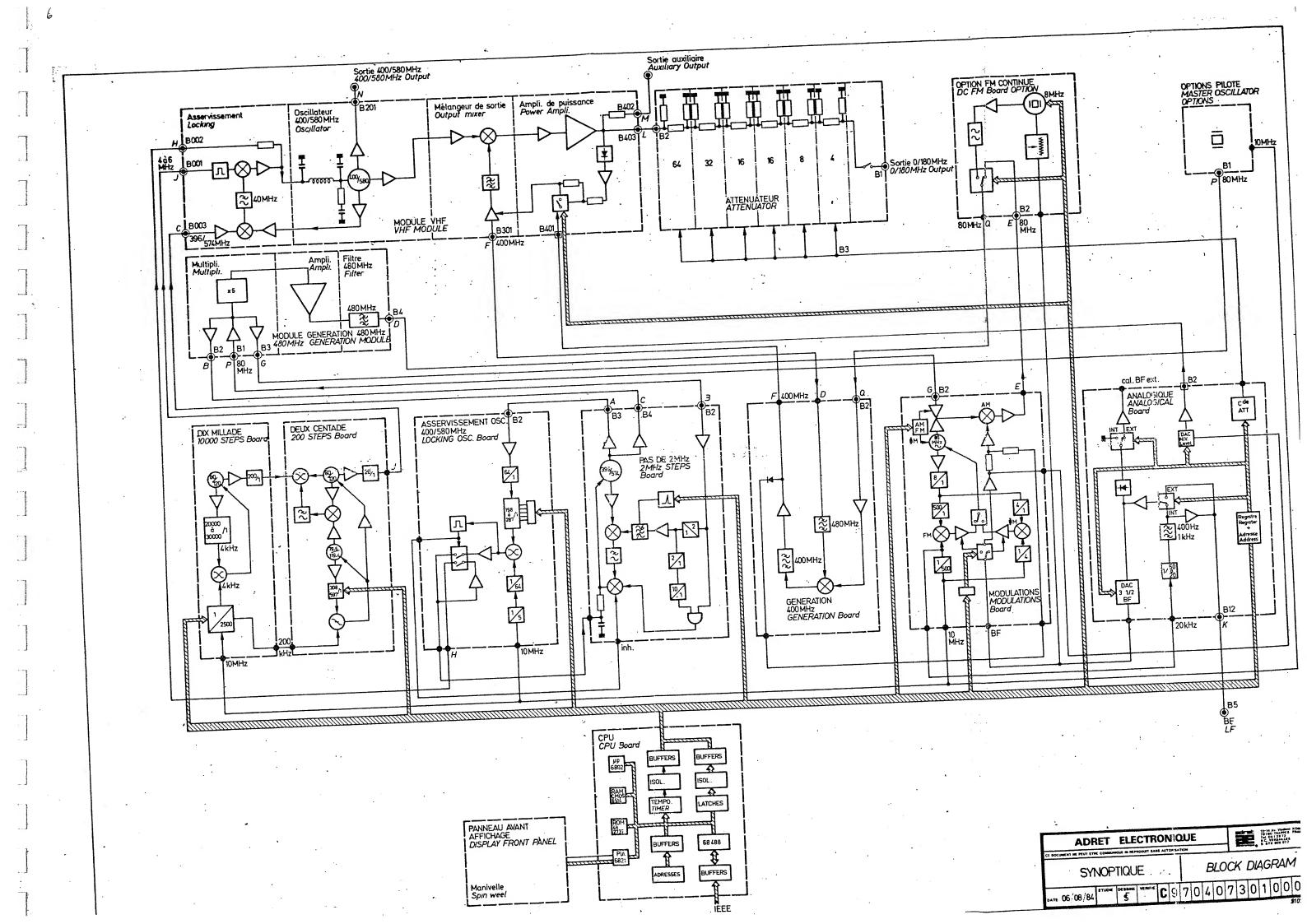
Soit la Ref. Adret 3150042200.

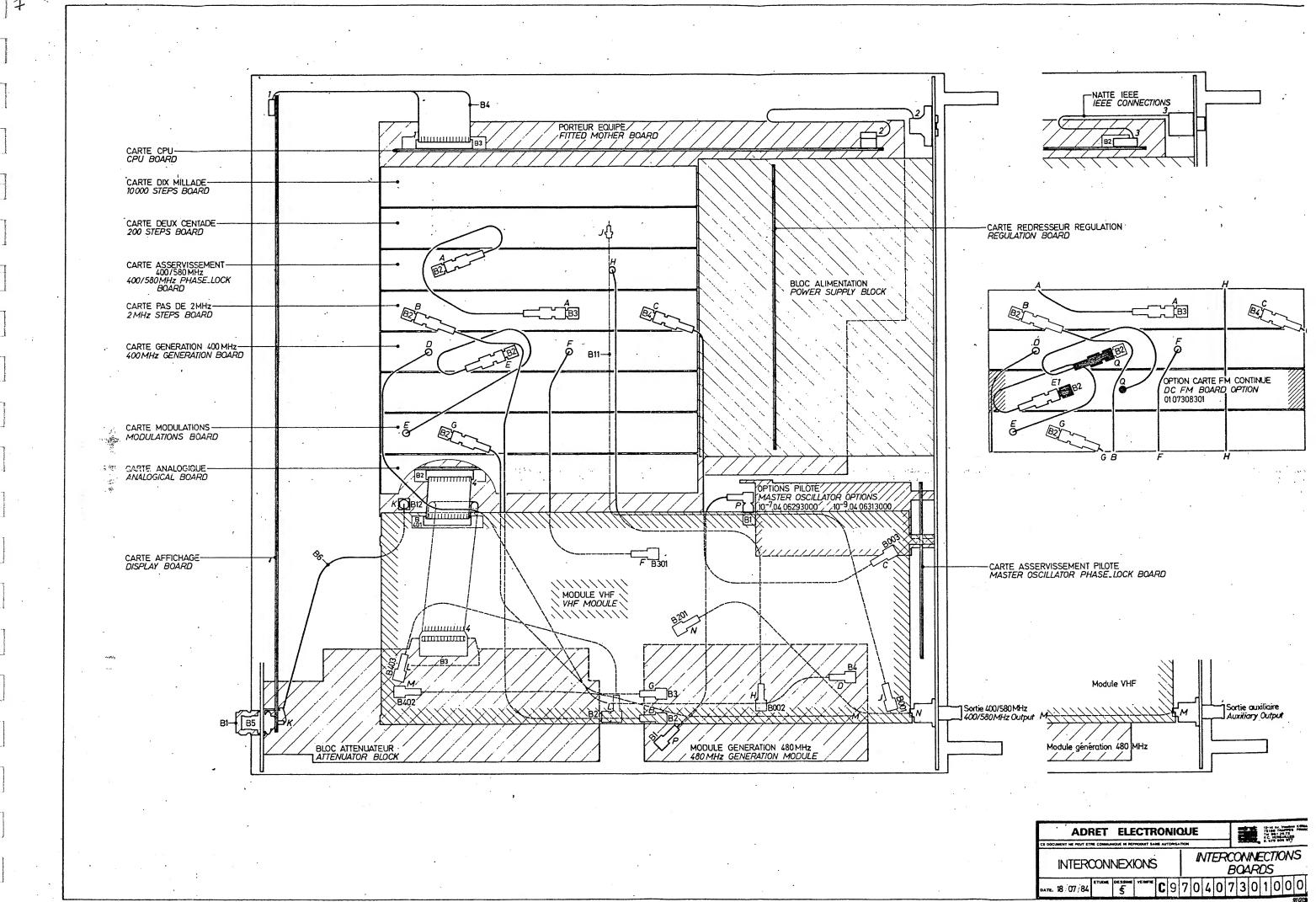
Le tableau ci-après indique qu'il s'agit d'un condensateur Céramique (31) et rappelle son repère (C).

| PRODUITS | Repère | Famille | e . , |
|---------------------------------|-------------|----------------------------------|---|
| | | 01 02 04 | Option Client Sous-Ensemble Option Usine |
| COMPOSANTS D'INTERCONNEXIONS | B K K | 10 11 12 13 14 15 | Transformateurs Fils et câbles Circuits imprimés Accessoires de câblage Connecteurs Commutateurs Relais |

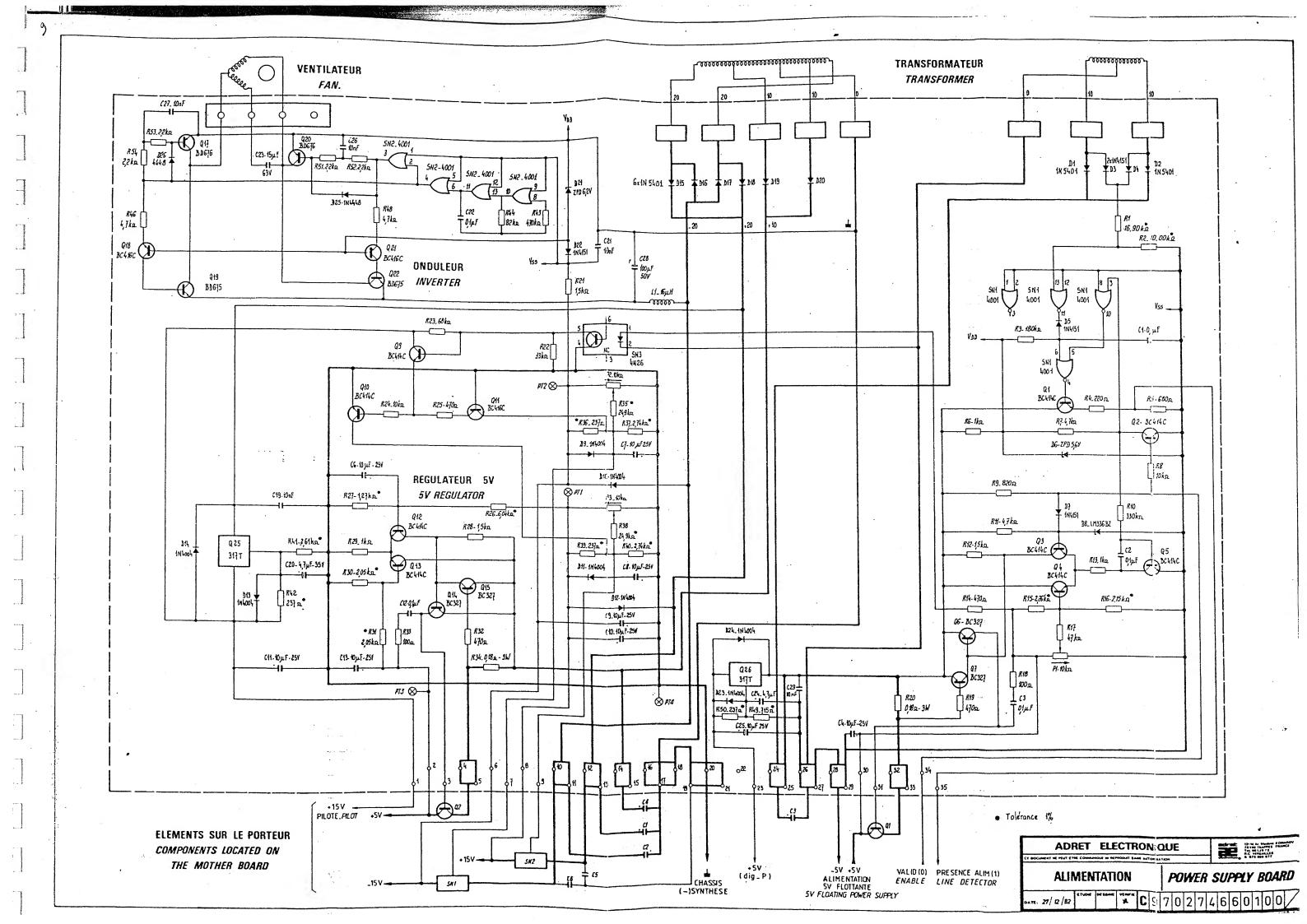
| PRODUCTS Refe | rence | Family | |
|------------------------------|---------------------------------|--|--|
| | | 17 18 19 | Protection, signalling, lights, fuses Galvanometer, time counter Accessories for interconnection components |
| RESISTORS | R P R R R R R | 20 21 22,23 24 25,26 27 28 29 | Thermistors CTN - CTP Potentiometers Resistors for running use Resistors for running use Resistors with metallic sheet Resistors very high accuracy Winded resistors Miniature resistors |
| CAPACITORS | C C C C C C | 31 32 33 35 36 37 38 39 | Ceramic capacitors Capacitors film plastic Capacitors mica Electrochemical capacitors Variable capacitors Tantalum capacitors CHIPS capacitors, ceramic pastille Accessories |
| SEMI-CONDUCTORS | D SN SN Q Q D | 40 41 42 43 44 45 46 48 49 | Photo emitting cell Logic printed circuits Analog printed circuits Transistors Field effect transistors Diodes and varicaps Zener diodes Hybrid circuits Accessories |
| OTHERS ELECTRONIC COMPONENTS | Y F L | 51 52 53 54 55 56 57 59 | Crystals and accessories Filter Surmoulded inductors Components for winding Ferrite tubes Components for winding Battery Transducer |
| MECANIC REPLACEMENT PARTS | | 61 62 63 64 65 67 | Screws Nuts Washers Clinches, contacts, circlips Knobs, faces Spacer round |
| MECANICAL | | 71 | to 91 |

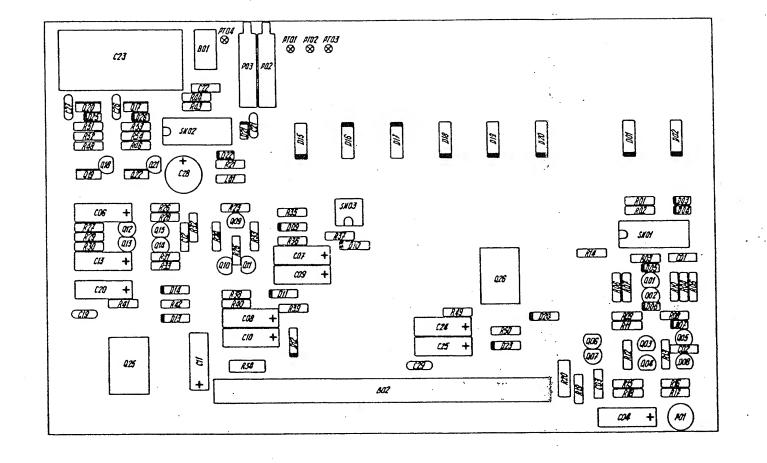
| | | • | | |
|------|--|--|--------------|--|
| | | ARTICULATION & OPTIONS 73 | OA # | ARTICULATION & OPTIONS 730A 12.86 |
| | • | 新型電影機能機能機能機能 マンド・ファット ファー・ファット ステー・ファット ステー・フェー・ファット ステー・ファット ステー・ファット ステー・ファット ステー・ファット ステー・ファット ステー・ファット ステー・ファット ステー・フェー・フェー・ファット ステー・ファット ステー・ファット ステー・ファット ステー・ファー・ファット ステー・ファット ステー・フェー・フェー・ファット ステー・ファット ステー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファー・ファ | F## # | TREE METERS AND 177.00 177.00 177.00 177.00 177.00 |
| PAGE | CODE S/ENSEMBLE | DESCRIPTION | | PLAN |
| | PART NUMBER | | . # | PART DESCRIPTION DRAWING |
| - 2 | 0407301000-* | 09 730A AVANT OPTIONS 73 | 30A = | 09 730A WITHOUT OPTION 730A M91B98C97 |
| - 3 | 0274660100- | 06 REDRESSEUR REGULATION 74 | # A0F | 06 POWER SUPPLY BOARD 740A F92 D98C97 |
| - 5 | 0274750000 - = | 03 CARTE DIX MILLADE 73 | 30A × | 03 10 000 STEPS BOARD 730A E92C98D97 |
| - 7 | .0274760000 - ** | 04 CARTE DEUX CENTADE 73 | 30A × | 04 200 STEPS BOARD 730A D92C98C97 |
| - 10 | 0274770000-# | 05 CARTE ASS.MENT 400/580 73 | 30A = | 05 400/580 PHASE-LOCK OSC 730A H92C98C97 |
| - 13 | 0274780000- | 14 CARTE PAS DE 2MHZ 73 | 30A * | 14 2MHZ STEPS BOARD 730A P92C98E97 |
| - 17 | 0274800100-* | 10 MODULATIONS '2' 73 | 30A × | 10 MODULATIONS '2' 730A M92C98F97 |
| - 21 | 0274810000-* | 04 CARTE ANALOGIQUE 73 | 30A * | 04 ANALOG BOARD 730A D92D98D97 |
| - 23 | 0274990000-* | | | 08 400 GENERATION BOARD . 730A H92C98D97 |
| - 25 | 0275200100-* | 05 MODULE VHF (22,90BM) 73 | 30A * | 05 UHF MODULE (22,908M) 730A H91C98D97 |
| - 32 | 0275710100-* | 01 BLOC ATTENUATEUR 'OMR' 73 | 30A * | O1 ATTENUATOR ASSBLY'OMR' 730A C92 A97 |
| - 34 | 0275720000-= | O6 CHASSIS EQUIPE 73 | 30A × | 06 FITTED CHASSIS 730A G91 |
| - 35 | 0273820100-# | 02 ASSERUISSEMENT '2' 74 | 40A * | 02 80MHZ PHASE LOCKING'2' 740A F92B98B97 |
| - 36 | 0274820000-* | 02 PORTEUR EQUIPE 73 | 30A * | 02 FITTED MOTHER 730A B92(2) |
| - 37 | 0277360000-# | O1 FACE AUANT AFFICHAGE'3'73 | 30V × | Ol DISPLAY FRONT PANEL'3' 730A A92 |
| - 38 | 0276630000-≖ | | | 04 SPIN WHEEL '5' 740A C93A98A97 |
| - 39 | 0277340000-≖ | | | 01 DISPLAY BOARD 740A C92(2) |
| - 42 | 0276450000- * | | | 10 480 GENERATION MODULE. 730A J92E98D97 |
| - 43 | 0276970000-# | | | 04 CPU '2' 740A E91 A98E97 |
| - 45 | 0407308301-* | 05 OPTION 2 FM/DC 73 | 30A × | 05 OPTION 2 FM/DC 730A |
| | Jan. | · | | |
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|--|--|--|---|---|----------------------------------|
| .86 | =0407301000 U9 | /3UA AVANT OPTIONS 73 | OA * 09 730A WITHOUT OPTION 730 | は東京東京東京東京東京東京東京 | 2 |
| EPERE VOEXE | REF. ADRET PART NUMBER | DESCRIPTION | PART DESCRIPTION | | QTE QTY |
| 001 001 001 001 001 001 001 001 001 001 | 02/4/30000 05 0274760000 05 0274760000 05 0274770000 05 02747800100 10 0274810000 04 0274990000 08 0275200100 05 0275720000 06 0276450000 10 0275720000 06 0276450000 00 0204990000 01 0204950000 01 0276130000 00 0204950000 01 0276380000 00 1300060000 C0 1300070000 C0 1400210300 CH 1720005800 2A 6101031000 TF 6101031000 TF 6102131200 TH 6103042500 TC 610304000 TC | CARTE DEUX CENTADE CARTE DEUX CENTADE CARTE ASS MENT 400/580 73 CARTE PAS DE 2MHZ MODULATIONS 2' 73 CARTE ANALOGIQUE 73 CARTE GENERATION 400 73 MODULE UHF (22, 9DBM) 73 BLOC ATTENUATEUR OMR 73 CHASSIS EQUIPE 73 MODULE GENERATION 480 73 CHASSIS EQUIPE 73 MODULE GENERATION 480 73 CHASSIS EQUIPE 73 COAX 2TR 352 7352 L230 73 COAX 2TR 352 7352 L230 73 COAX 2TR 320 7250 L385 73 COAX 2TR 320 7320 L255 73 RNE DE MASSE 300 L255 73 COAX 2TR 320 7250 L385 73 COAX 2TR 320 7250 L385 73 COAX 2TR 320 7250 L385 73 COAX 2TR 7320 7352 L230 73 COAX 2TR 7320 150 | NOX * TCHC M4X 8 U DIN912-5,6 IN NOX * TCHC M4X25 U DIN912-5,6 IN NOX * STHC M3X 8 U CUVETT.DIN916IN NOX * ACF 4 X 6 'POELIERS' CRUC ACI * ACF 4 X10 'POELIERS' CRUC CIF * STE N '4X9.5 CRUCIF LARGE SHE NOX * TCHC M3X 6 U DIN912-5,6 IN NOX * TCHC M4X12 U DIN912-5,6 IN NOX * TCHC M4X20 U DIN912-5,6 IN NOX * TCHC M4X50 U DIN912-5,6 IN NOX * TCHC M4X50 U DIN912-5,6 IN NOX * INOX M3 X 8X0.8 FLAT M4 4.5 * POP RIVET 3 L 4.5 REF:YA 3X | DA D92C98C97 DA H92C98C97 DA H92C98E97 DA P92C98E97 DA M92C98E97 DA M92C98E97 DA M92C98D97 DA H91C98D97 DA H91C98D97 DA G91A97 DA J92E98D97 DA J92E98D97 DA ADRET DA ADRET DA ADRET DA ADRET DA ADRET DA ASSEST DA ASSEST DA ASSEST DA ASSEST DA B94D DA B94D DA B94D DA BD | 14468621284162673122041212111112 |

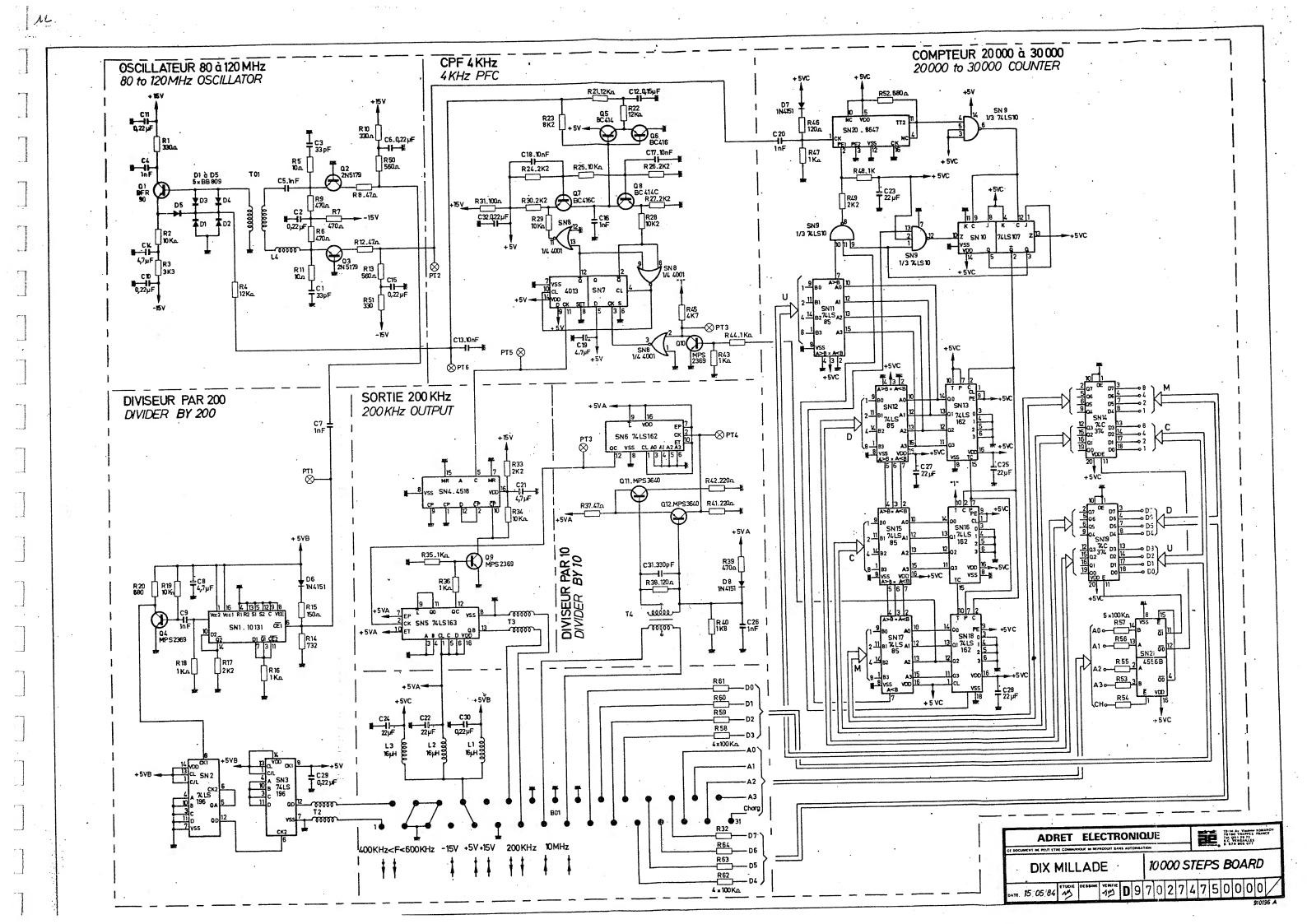


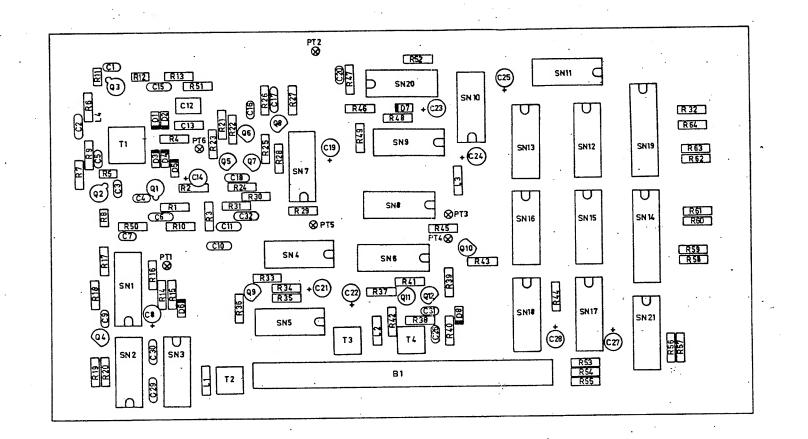


| 12.86 | *0274660100 06 REDR | ESSEUR REGULATION 740A | ###################################### | ##################################### | PAGE 3 |
|--|--|------------------------|---|---|------------|
| REPERE INDEXE | REF. ADRET PART NUMBER | | PART DESCRIPTION | FOURNISSEUR/PLAN SUPPLIER/DRAWING | QTE QTY |
| BBCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC | 4500040000 1N4004 4500050000 BY 251 4500050000 1N4151 4500040000 1N4004 4500310000 1 N 4448 4500310000 1 N 4448 4500310000 1 N 4448 450310000 10K 3/4 4300190000 BC550C //4300190000 | 20MMH | * MALE SOCKET 'PPOINTS 22-27-2041 ** TM 35 MCIG | MOLEX TRELEC LCC LCC LCC LCC SPRAGUE SPRAGUE SPRAGUE SPRAGUE SPRAGUE SPRAGUE SPRAGUE SPRAGUE LCC SPRAGUE LCC SPRAGUE LCC LCC SPRAGUE LCC LCC LCC LCC LCC LCC LCC LCC LCC LC | |

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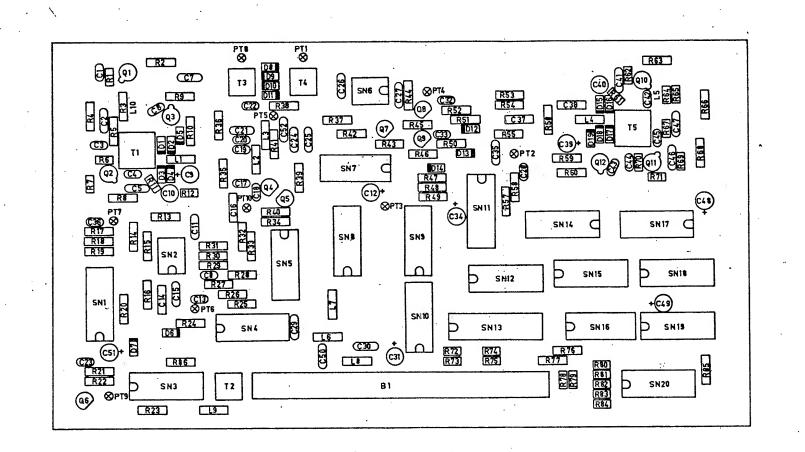
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DIX MILLADE

10000 STEPS BOARD

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| Sharish California | 12.86 | ************************************** | CARTE DIX MILLADE 730A | * 03 10 000 STEPS BOARD 73 | ###################################### | PAGE |
|--|----------------------------|--|--|--|--|--|
| NAMEZ SEVERENT SERVE | REPERE | REF. ADRET | DESCRIPTION | | FOURNTSSFUR/PLAN | 5 QTE |
| gasay. | INDEXE B -001 | | | PART DESCRIPTION * TM 31 MCTG | SUPPLIER/ORAWING | QTY |
| And the second second | C -001 C -002 C -003 | | | * TM 31 MCIG | | 1 |
| plant of derivative | C -004 C -005 C -006 | 3120021000 1 NF 3120021000 1 NF 3150042200 0 22 | 2,5 2222 630 51 102 2,5 2222 630 51 102 | * 33PF 2,5 2222 680 10 3: * 1 NF 2,5 2222 630 51 10 * 1 NF 2,5 2222 630 51 10 | 02 COGECO 02 COGECO | 1 1 |
| | C -007 C -008 | 3120021000 1 NF | 2,5 222 630 51 102 | * 1 NF 2,5 2222 630 51 10 | 2 COGECO | 1 1 |
| | C -009 C -010 C -011 | 3120021000 1 NF 3150042200 0,22 3150042200 0,22 | 2222 630 51 102 MMF 5 50U20% 3439050 E224M MMF 5 50U20% 3439050 E224M | * 1 NF 2,5 2222 630 51 10 * 0,22MMF 5 50V20% 3439050 E22V * 0,22MMF 5 50V20% 3439050 E22V | 02 COGECO IM AUX IM AUX | Î 1 |
| Concession | C -012 C -013 C -014 | 3233100300 0,1 | ONE 5 08 10% TRUOU/ | " U,13MMF 5,08 1U% 1RU8(|)/ LUC | 1 |
| | C -015 C -016 | 3150042200 0,22 3120021000 1 NF | MMF 5 50020% 3439050 E224M 2.5 2222 630 51 102 | # 4,7MMF/35U 5,08STAND L T/ # 0,22MMF 5 50U20% 3439050 E224 # 1 NF 2,5 2222 630 51 10 | IM AUX D2 COGECO | 1 1 |
| Particular de la constante de | C -017 C -018 C -019 | 3/00100000 4.7M | ME/35U 5.08 STAND I TAG | * 1 NF 2,5 2222 630 51 10 * 1 NF 5,08 63U GOX 767 1 * 10NF 5,08 63U GOX 767 1 * 10NF 5,08 63U GOX 767 1 * 1,7MMF/35U 5,08STAND L T/ | C CTC | 1 |
| | C -020 C -021 C -022 | 3700100000 4.7m 3700180000 22MM | MF/35U 5.08 STAND L TAG F/16U 5.08 STAND L TAG | " 1 NF 2,5 2222 630 51 10 * 4.7MMF/35U 5.08STAND L T/ * 22MMF/16U 5.08STAND L T/ | OZ COGECO NG STC | 1 |
| parameter second | C -023 C -024 C -025 | 3700180000 22MM | F/16V 5.08 SIANU L IAG | * 22MMF/16U 5,08 STAND L T/ * 22MMF/16U 5,08 STAND L T/ * 22MMF/16U 5,08 STAND L T/ | IG STC | 1 |
| St. A. J. Wallet | C -026 C -027 C -028 | 3700180000 22MM | F/IGU 5 OR STAND I TAC | " 1 NF 2,3 2222 53U 51 10 | IZ CUGELU | 1 1 1 |
| Ter und | C -029 C -030 | 3150042200 0,22 3150042200 0,22 | MMF 5 50020% 3439050 E224M MMF 5 50020% 3439050 E224M | * 22MMF/16V 5,08 STAND L T/ * 0,22MMF 5 50V20% 3439050 E22V * 0,22MMF 5 50V20% 3439050 E22V | G STC : M AUX M AUX | 1 |
| | C -031 C -032 D -001 | 3120013300 330P 3150042200 0,22 4500600000 BB 8 | F 2,5 1N3312222 680 58 331 MMF 5 50U20% 3439050 E224M - 09 | * 330PF 2,5 | 1 COGECO M AUX | Î Î |
| | D -002 D -003 D -004 | 4500600000 BB 86 4500600000 BB 86 4500600000 BB 86 | 09 09 | * 22MMF/16V 5,08 | RTC RTC | 1 |
| | D -005 D -006 D -007 | 4500600000 BB 86 4500020000 IN411 | 09 | * BB 809 * 1N4151 | RTC FU'ITT' | 1 1 |
| And the second of the second o | D -008 L -001 | 4500020000 1N411 0219720000 00 SI | 51 ELF 20MMH (EX 530336) | * 1N4151 * 1N4151 * 00 SELF 20MMH(EX 530336 | . FU'ITT' . FU'ITT') ADRET | 1 1 1 |
| i sandi. | L -002 L -003 Q -001 | 0219720000 00 SE 0219720000 00 SE 4300250000 BFR | ELF 20MMH(EX 530336) | * 00 SELF 20MMH(EX 530336 * 00 SELF 20MMH(EX 530336 * 00 SELF 20MMH(EX 530336 |) ADRET) ADRET T RTC | 1 |
| New York Control of the Control of t | Q -002 Q -003 Q -004 | 4300720000 BFY 9 4300720000 BFY 9 4300150000 MPS 2 | 90 90 2369 | * 00 SELF 20MMH (EX 530336 * BFR 90 INPUT CHECK BROWN POIN * BFY 90 * BFY 90 * MPS 2369 * BC550C /414C/413C/549C(BC184C | RTC RTC | المراشين المعالجة المتاركة الم |
| - Assessment | Q -005 Q -006 Q -007 | 4300190000 BC550 4300110000 BC560 4300110000 BC560 | 0C /414C/413C/549C(BC184C) 0C /416C/415C/559C(BC214C) 0C /416C/415C/559C(BC214C) | * BC550C /414C/413C/549C(BC184C * BC560C /413C/415C/559C(BC14C |) RTC) RTC | 1 |
| and the same of th | Q -008 Q -009 Q -010 | 4300190000 BC550 4300150000 MPS 2 | OC /414C/413C/549C(BC184C) | BC550C /414C/413C/549C(BC184C MPS 2369 |) RTC . MOTOROLÁ | Ì |
| | Q -011 Q -012 | 4300600000 MPS 3 | 3640 | * BC550C /414C/413C/549C(BC184C * BC560C /413C/415C/559C(BC214C * BC560C /413C/415C/559C(BC214C * BC550C /414C/413C/549C(BC184C * MPS 2369 * MPS 2369 * MPS 3640 * MPS 3640 | . MOTOROLA . MOTOROLA . MOTOROLA | 1. 1 |
| | R -001 R -002 R -003 | 2210013300 330 2210031000 10 2210023300 3 | 36HU | 330R 5% N 10K 5% N 3K3 5% N 12K 5% N 10R 5,08 CC 5% NK | 4 SOUCOR 4 SOUCOR 4 SOUCOR | |
| a constant of the constant of | R -004 R -005 R -006 | 2210031200 12 2905001000 10 2210014700 470 | 2K 5% N4 # DR 5,08 CC 5% NK3 # DR 5% N4 # | 12K 57 N 10R 5,08 CC 57 NK 470R 57 N | 4 SOUCOR 3 SOUCOR 4 SOUCOR | 1 |
| | R -007 R -008 R -009 | 2210014700 470 2905004700 47 2210014700 470 | 7R 5,08 CC 5% NK3 * | 47R 5.08 CC 52 NK | 4 SOUCOR 3 SOUCOR | 1 |
| | R -010 R -011 R -012 | 2210013300 330 2905001000 10 | OR 5.08 CC 5% NK3 ** | 1011 3,00 00 34 1411 | 4 SOUCOR 4 SOUCOR 3 SOUCOR | 1 1 |
| | R -013 R -014 | 2210015600 560 2500073200 732 | DR 5% N4 * 2R * 1% 0.3 W SMA207 * | 560R 5% N 732R # 1% 0,3 W SMA20 | 3 SOUCOR 4 SOUCOR 7 DRALORIC | معم لحمر إشمر إشم لمعم لمعم |
| | R -015 R -016 R -017 | 2210022200 2 | 1KO 5% NH = 2K2 5% NH = | 1KO 5% N | 7 DRALORIC H SOUCOR H SOUCOR | <u> </u> |
| | R -018 R -019 R -020 | 2210031000 10 2210016800 680 | .KO 5% N4 =)K 5% N4 =)R 5% N4 = | 1 1KO 5% N 1 10K 5% N 6 680R 5% N | H SOUCOR H SOUCOR H SOUCOR | 1 |
| | R -021 R -022 R -023 | 2210031200 12 2210031200 12 | 2K 5% N4 * | 12K 5% N 12K 5% N | H SOVCOR H SOVCOR H SOVCOR | 1 1 1 |



ADRET ELECTRONIQUE

CE DOCUMENT AL POUT L'IN COMMANDE AND AUTOMATION

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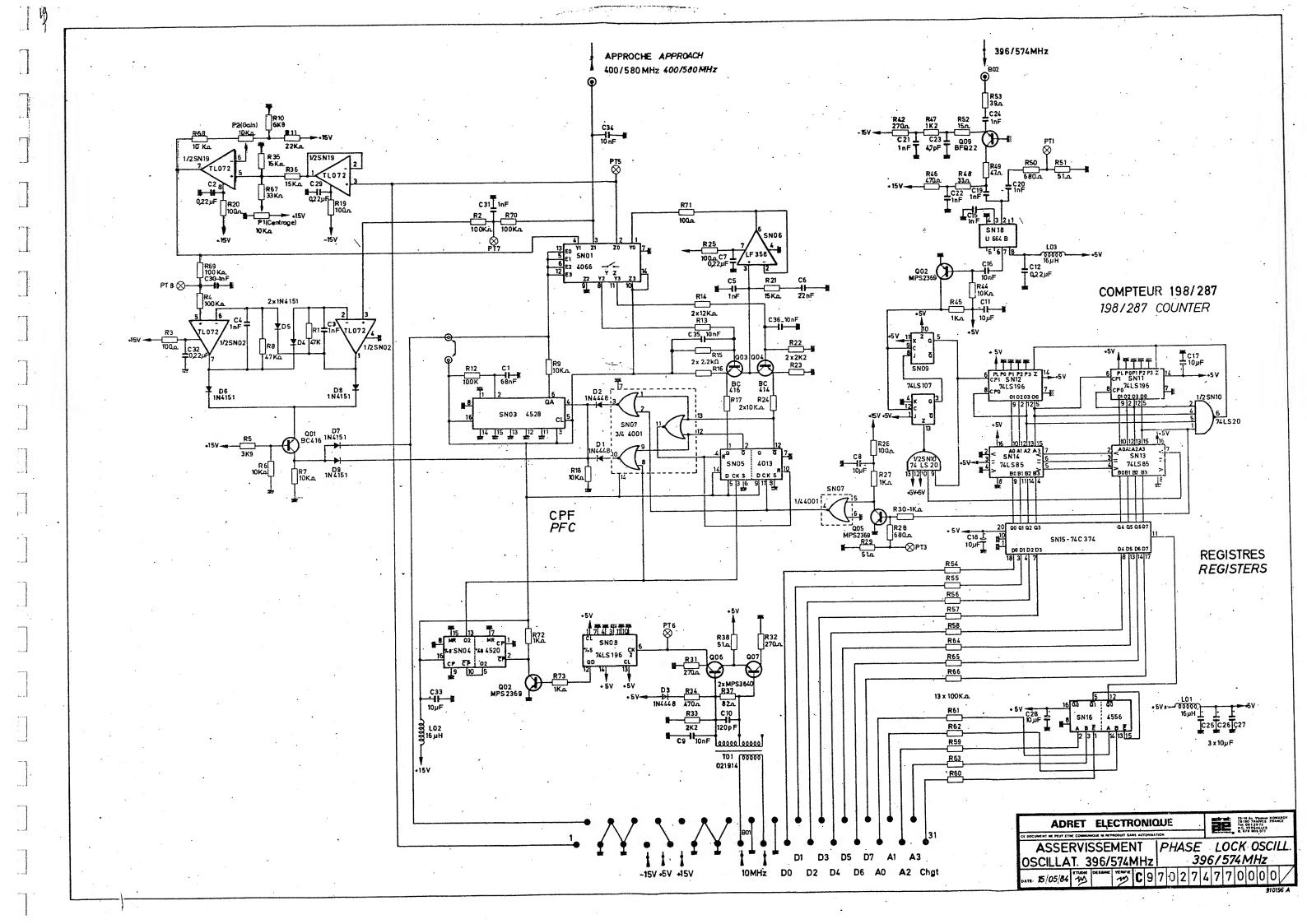
200 STEPS BOARD

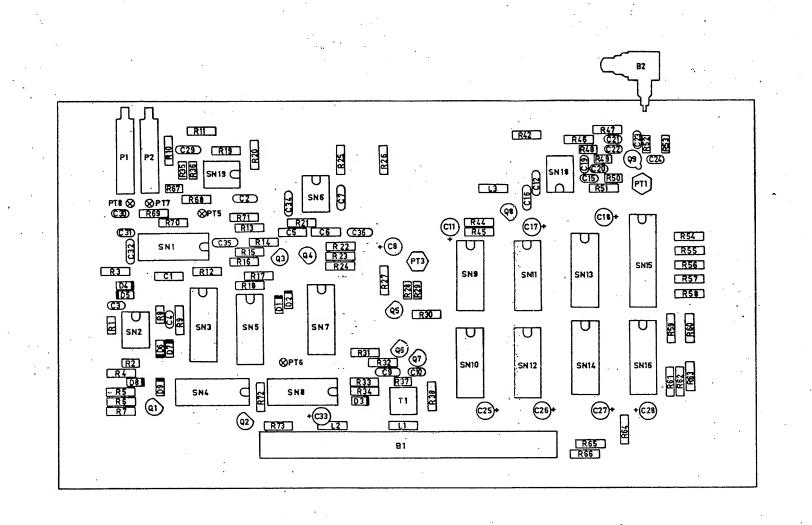
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| R | and the second | 12.86 | *************************************** | ************************************** | * 04 200 STEPS BOARD 730/ | 092C98C97 = | PAGE |
|---|----------------|--|--|---|--|---|--|
| \$\begin{align*} \begin{align*} \begi | Parameter | | | | PART DESCRIPTION | FOURNISSEUR/PLAN SUPPLIER/DRAWING | QTE QTY |
| L -001 5300300100 4,7MMH ORE 53838 DEL 1025-36** 4.7MMH ORE 53838 DEL 1025-36 OREGA DELEUAN L -002 5300320100 6,8MMH ORE 53842 DEL 1025-40 * 6.8MMH ORE 53842 DEL 1025-40 OREGA DELEUAN L -003 5300290000 3,9MMH ORE 53836 DEL 1025-34 * 3,9MMH ORE 53836 DEL 1025-34 OREGA DELEUAN L -004 5300300100 4,7MMH ORE 53838 DEL 1025-36 * 4.7MMH ORE 53838 DEL 1025-36 OREGA DELEUAN L -006 0219720000 00 SELF 20MMH (FX 530336) * 00 SELF 20MMH ORE 53838 DEL 1025-36 OREGA DELEUAN | | INDEXE -0011 -0012 -0011 -0012 -0012 -0015 -0016 -0017 -0018 -0017 -0119 | PART NUMBER 1431001300 3120003300 33120003300 33120021000 13150042200 03120012000 23120013000 33120013000 33120013000 33120013000 33120013000 33120013000 33120013000 33120013000 33150042200 03150 | [M 31 MCIG | ** TM 31 MCIG | TRELEC COGECO AUX COGECO AUX COGECO STC MURATA AUX STC COGECO COGECO COGECO AUX | |
| L -007 0219720000 00 SELF 20MMH(EX 530336) * 00 SELF 20MMH(EX 530336) ADRET L -008 0219720000 00 SELF 20MMH(EX 530336) * 00 SELF 20MMH(EX 530336) ADRET | | D -018 D -019 L -001 L -002 L -003 L -004 L -006 L -007 | 5300300100 4, 5300320100 6, 5300290000 3, 5300300100 4, 0219720000 00 | 7MMH ORE 53838 DEL 1025-36 ** 8MMH ORE 53842 DEL 1025-40 ** 9MMH ORE 53836 DEL 1025-34 ** 7MMH ORE 53838 DEL 1025-36 ** SELF 20MMH (EX 530336) ** | 4.7MMH ORE 53838 DEL 1025-36 6.8MMH ORE 53842 DEL 1025-40 3.9MMH ORE 53836 DEL 1025-34 4.7MMH ORE 53838 DEL 1025-36 00 SELF 20MMH(EX 530336) | SIEMENS OREGA DELEUAN OREGA DELEUAN OREGA DELEUAN OREGA DELEUAN ADRET | يتنز إحمر إحمر إحمر إحمر إحمر إحمر إحمر أحمر |

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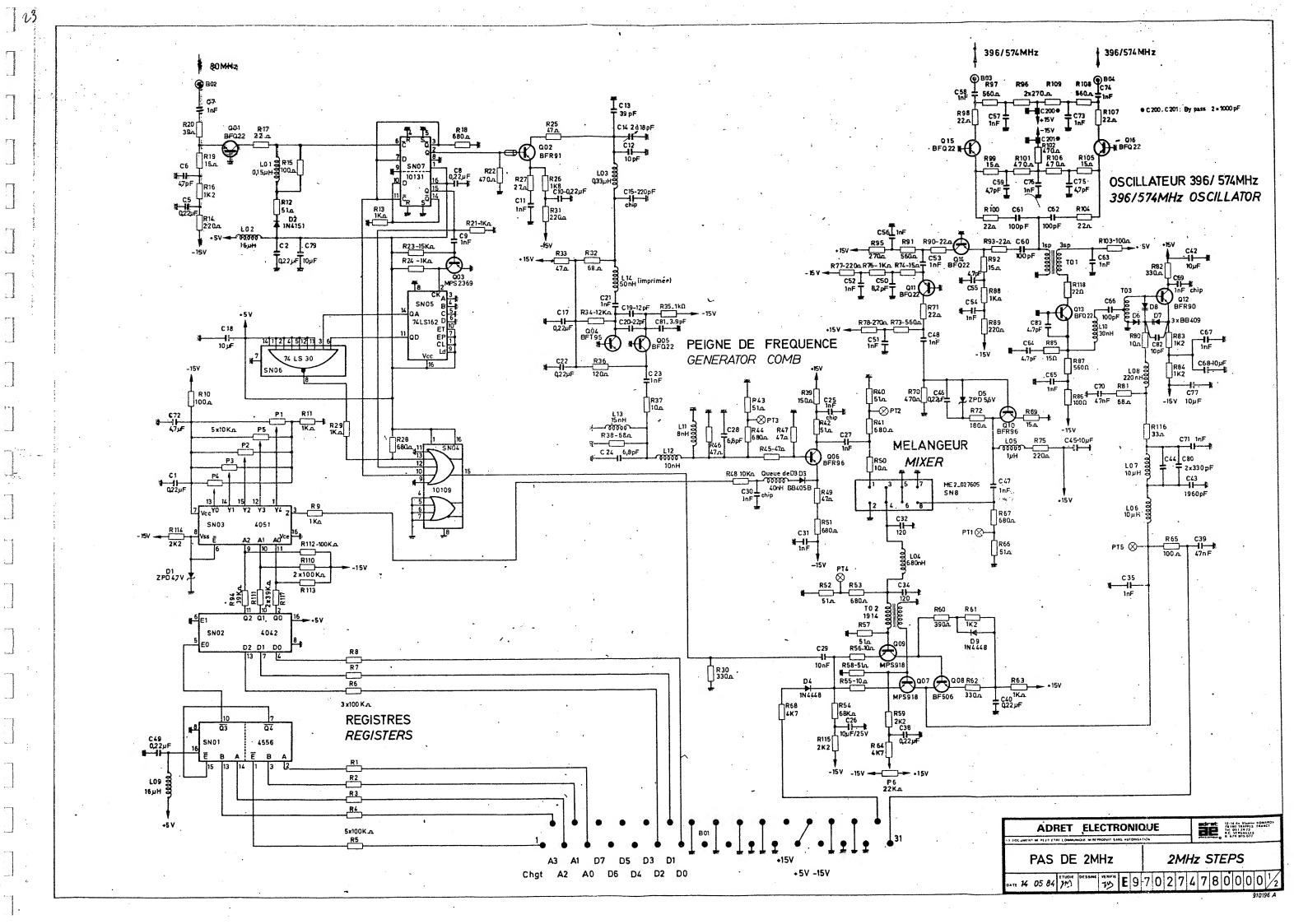
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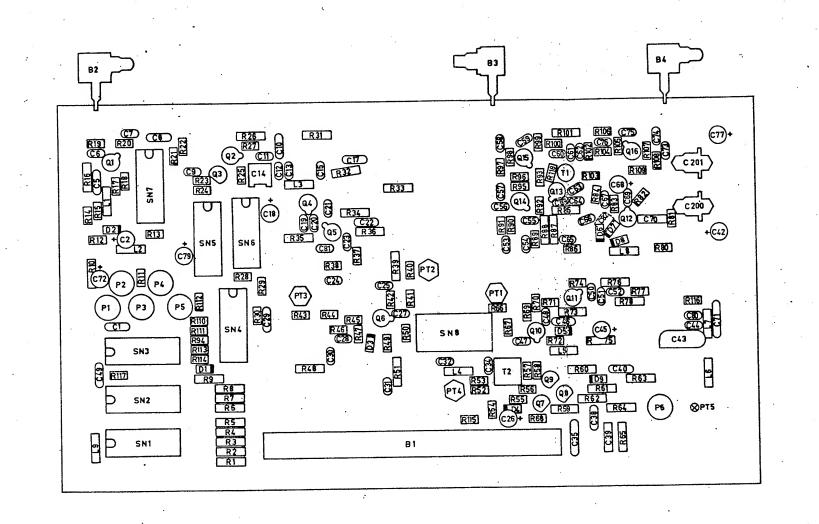
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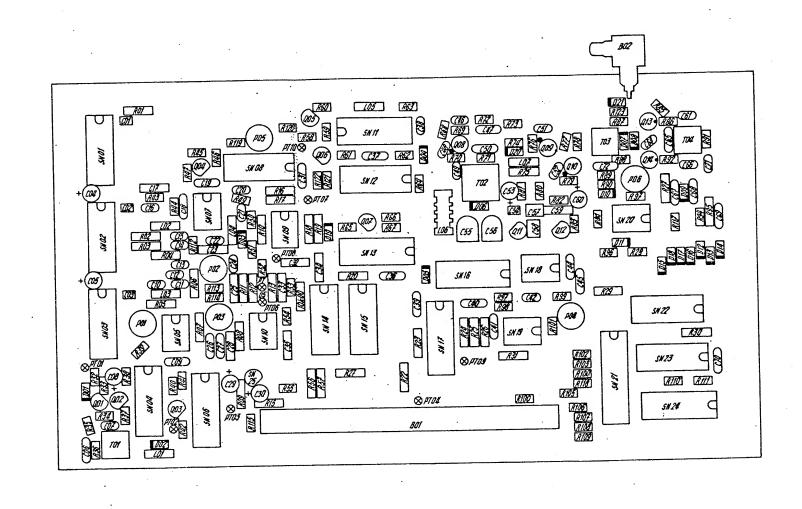
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| RR -085 -0867 -0867 -0867 -0890 -0890 -0991 -0993 -0993 -0993 -0993 -0993 -0993 -0993 -0993 -1001 -1002 -1007 -1007 -1113 -111 | 2905001500 2905011000 2210015600 2210021000 2905012200 2905002200 2905002200 2905002200 2905002200 2905012700 2905012700 2905012700 2905002200 2905002200 2905002200 2905001500 2905014700 2905014700 290501500 290501500 290501500 2905012700 2905012700 2905012700 2905012700 2905012700 2905012700 2905012700 2905012700 2905012700 2905012700 2905012700 2905033900 2905033900 2905033900 2905022200 29050033900 2905022200 2905033900 | 15R 5.08 CC 100R 5.08 CC 1560R 1K0 220R 5.08 CC 22R 5.08 CC 22R 5.08 CC 270R 5.08 CC 22R 5.08 CC 23B 5.08 CC 24C 5.08 CC 25C 5.08 CC 270R 5.08 CC | NK3 | 15R 5.08 CC 100R 5.08 CC 100R 5.08 CC 560R 1K0 220R 5.08 CC 22R 5.08 CC 270R 5.08 CC 22R 5.08 CC 23R 5.08 CC | 5% NK3 SOVCOR | | |

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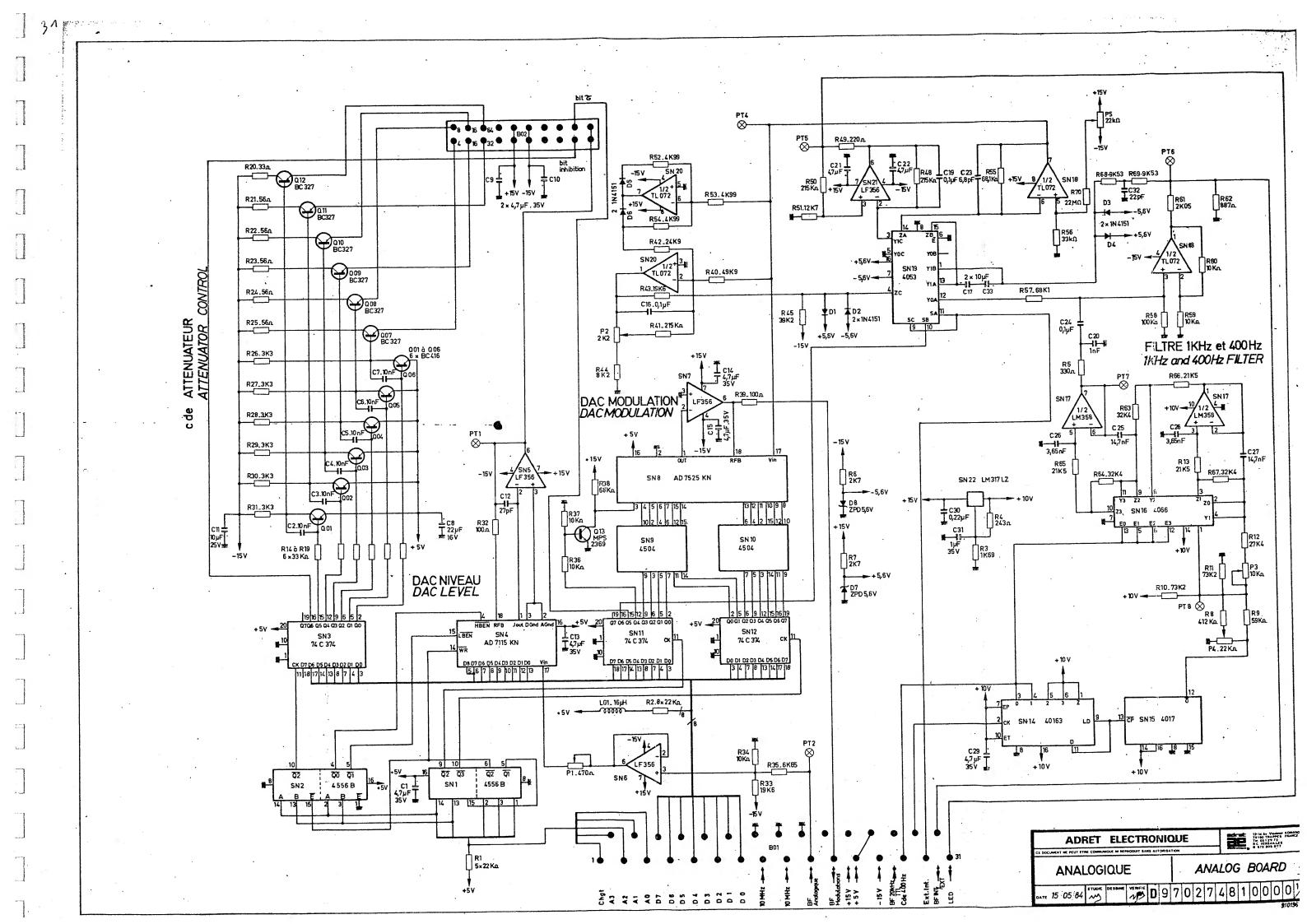
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| D : | -008 -009 -010 -011 | 4500540000 4600100000 4500200100 | 1N6263 D035 (EX ESM247 ZPD7.5 | 7&246) * | 1N6263 (SUBSTIT. ESM247&246) ZPD7,5 BA 282 | RTC ITT SIEMENS | 1 1 1 | |
| D D | -012 -013 -014 -015 | 4500020000 4500020000 4500020000 4500020000 | 1N4151 1N4151 1N4151 1N4151 | 五 | IN6263 (SUBS(11, ESR24/&246) ZPD7,5 BA 282 IN4151 IN4151 IN4151 IN4151 IN4151 IN4151 | FU'ITT' FU'ITT' FU'ITT' FU'ITT' | 1 1 1 1 | v ₂ |
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| D L L | -021 -001 -002 | 4500200100 0219720000 5300460000 | 00 SELF 20MH (EX 5: 100MH ORE 53870 DEL 1 | 30336) * 025-68 * | 00 SELF 20MMH(EX 530336) 100MMH ORE 53870 DEL 1025-68 | ADRET OREGA DELEVAN | 1 1 1 | |
| L L | -003 -004 -005 -006 -007 | | 330MMH ORE 53882 DEL 10 15MMH ORE 53850 DEL 10 00 SELF BAQ OSCILLATEUR | 025-80 # 025-48 # 7100A # | 100MMH ORE 53870 DEL 1025-68 330MMH ORE 53882 DEL 1025-80 15MMH ORE 53850 DEL 1025-48 OSCILLATOR MODULE COIL . 7100A 0.068MMH REF 53813 | OREGA DELEVAN OREGA DELEVAN ADRET | 1 1 1 | geo de la companya de |
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| P P Q | -005 -006 -001 -002 | 2152100000 2150470000 4300600000 4300600000 | I K TOS CERMET 47R TOS CERMET MPS 3640 MPS 3640 | † 7 YA * T 7 YA * | 10K T05 CERMET T 7 YA 1 K T05 CERMET T 7 YA 47R T05 CERMET T 7 YA 47R T05 CERMET T 7 YA 47R T05 CERMET T 7 YA 48PS 3640 | SFERNICE SFERNICE MOTOROLA MOTOROLA | 1 1 1 | |
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| Q | -008 -009 -010 -011 | 4300720000 4300720000 4300720000 4300720000 | BFY 90 | *** | MPS 3640 MPS 2369 BFY 90 BFY 90 BF 256 B (EX 245B) BF 256 B (EX 245B) BF 256 B (EX 245B) BFT 95 INPUT CHECK GREEN POINT BFT 95 TNPUT CHECK GREEN POINT | RTC RTC RTC RTC RTC | 1 1 1 | |
| OOOR | -012 -013 -014 -001 | 4400140000 4300370000 4300370000 2210022200 | BF 256 B (EX 245B) BFT 95 | PERT CE # | BF 256 B (EX 245B) BFT 95 INPUT CHECK GREEN POINT BFT 95 INPUT CHECK GREEN POINT 2K2 5X NV | RTC AEG AEG SOUCOR | 1 1 1 | |
| R R R R | -002 -003 -004 -005 -006 | 2210022200 2500115800 2500115800 2500213000 2500175000 2500213000 | 1K58 = 12 0,3 W 1K58 = 12 0,3 U 13K0 = 12 0,3 U 7K50 = 12 0,3 U | SMA207 = SMA | 1K58 = 1% 0,3 W SMA207 1K58 = 1% 0,3 W SMA207 13K0 = 1% 0,3 W SMA207 7K50 = 1% 0,3 W SMA207 13K0 = 1% 0,3 W SMA207 | DRALORIC DRALORIC DRALORIC DRALORIC DRALORIC DRALORIC | | |
| R R R R | -007 -008 -009 -010 | 2500175000 2210051000 2500024900 2500210000 | 7K50 * 1% 0,3 W 1M 249R * 1% 0,3 W 10K0 * 1% 0,3 W | SMA207 * 5% N4 * SMA207 * SMA207 * | 7K50 * 1% 0,3 W SMA207 1M 5% Nº 249R * 1% 0,3 W SMA207 10K0 * 1% 0,3 W SMA207 | DRALORIC SOVCOR DRALORIC RALORIC RALORIC | 1 1 1 1 | |
| RRRR | -011 -012 -013 -014 | 2200056800 2500157600 2500212700 2500210000 | 6M8 5% 5K76 * 1% 0.3 W 12K7 * 1% 0.3 W 10K0 * 1% 0.3 W | CB * SMA207 * SMA207 * SMA207 * | 6M8 5% CI 5K76 * 1% 0,3 W SMA20 12K7 * 1% 0,3 W SMA20 10K0 * 1% 0,3 W SMA20 | B ALLEN BRADLEY 7 DRALORIC 7 DRALORIC 7 DRALORIC 7 DRALORIC | 1 1 | |
| R R R R R | -015 -016 -017 -018 -019 | 2500117400 2500210000 2210011000 2200062200 2500110000 | 10K0 * 1% 0,3 W 10K0 * 1% 0,3 W 100R 22M 5% | SMA207 ** 5% N4 ** CB ** SMA207 ** | 10K0 = 1% 0,3 W SMA20 100R 5% N 22M 5% C | 7 DRALORIC 7 DRALORIC 1 SOUCOR 3 ALLEN BRADLEY 7 DRAI ORIC | 1 1 1 | |
| R R R R | -020 -021 -022 -023 | 2500210000 2210024700 2210016800 2500210000 | 10K0 * 12 0,3 W 4K7 680R 1 10K0 * 12 0,3 W | SMA207 * 5% NH * 5% NH * SMA207 * | 10KO * 1% 0,3 W SMA20 4K7 5% N 680R 5% N 10KO * 1% 0,3 W SMA20 | 7 DRALORIC 4 SOUCOR 4 SOUCOR 7 DRALORIC | 1 1 1 | |
| RRRR | -024 -025 -026 -027 | 2500095300 2500090900 2500151100 2210016200 | 953R * 1% 0,3 W 909R * 1% 0,3 W 5K11 * 1% 0,3 W 620R | SMA207 SMA207 SMA207 5% NH | 953R * 1% 0,3 W SMA20 909R * 1% 0,3 W SMA20 5K11 * 1% 0,3 W SMA20 6 620R 5% N | 7 DRALORIC 7 DRALORIC 7 DRALORIC 4 SOUCOR | 1 | |
| R R R R | -028 -029 -030 -031 -032 | 2303025600 2210026800 2210022200 2500124300 2305012220 | 0 3 5 5 08 CC 0 6K8 0 2K2 0 2K49 * 1% 0,3 U 0 22OR 5 08 CC | 5% NH 3 5% NH 3 5% NH 3 5% NK 3 | BF 256 B (EX 245B). BF 256 B (EX 245B). BFT 95 INPUT CHECK GREEN POINT CHECK GREEN | 4 SOVCOR 4 SOVCOR 7 DRALORIC 3 SOVCOR | 1 1 1 | |
| R R R | -033 -034 -035 -036 | 290500470 290500820 290501470 290502220 | 77R 5,08 CC 82R 5,08 CC 470R 5,08 CC 2K2 5,08 CC | 5% NK3 * 5% NK3 * 5% NK3 * 5% NK3 * | 47R 5,08 CC 5% NK 82R 5,08 CC 5% NK 470R 5,08 CC 5% NK 2K2 5,08 CC 5% NK | 3 SOVCOR 3 SOVCOR 3 SOVCOR 3 SOVCOR | 1 1 1 | |
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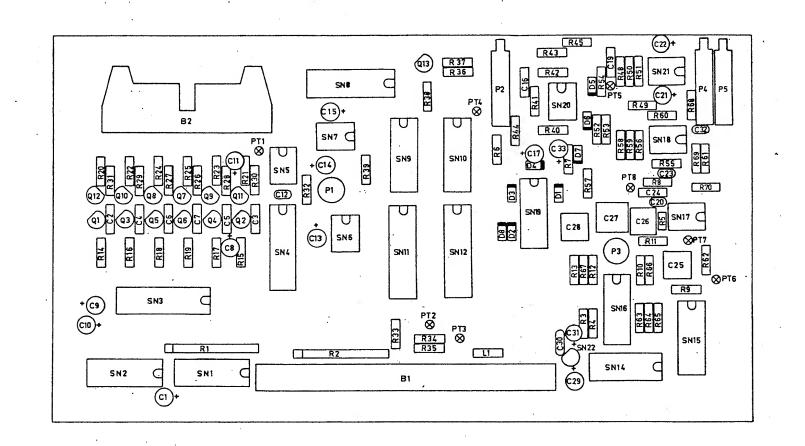
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| | R R R R | -067 -068 -069 -070 -071 | 2905024700 2905022700 2905002200 2905001500 2905021000 | 4K7 5,08 CC 2K7 5,08 CC 22R 5,08 CC 15R 5,08 CC 1K 5,08 CC | 5% NK3 * | 9K7 5.08 CC 2K7 5.08 CC 22R 5.08 CC 15R 5.08 CC 1K 5.08 CC | 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR | 1 |
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| | R R R R | -076 -077 -078 -079 -080 | 2905001500 2905002200 2905002200 2905001500 2905034700 | 15R 5,08 CC 22R 5,08 CC 22R 5,08 CC 15R 5,08 CC 47K 5,08 CC | 5% NK3 # 5% NK3 # 5% NK3 # 5% NK3 # 5% NK3 # | 15R 5,08 CC 22R 5,08 CC 22R 5,08 CC 15R 5,08 CC 47K 5,08 CC | 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR | |
| The second second | R R R | -081 -082 -083 -084 | 2905014700 2905041000 2905024700 2905021000 | 470R 5.08 CC | 5% NK3. * 5% NK3 * 5% NK3 * | 470R 5.08 CC 100K 5.08 CC 4K7 5.08 CC 1K 5.08 CC | 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR | 1 |
| | R R R R | -085 -086 -087 -088 -089 | 2905013300 2905002200 2905011000 2905011000 2905013300 2905002200 | 330R 5,08 CC 22R 5,08 CC 100R 5,08 CC 100R 5,08 CC 330R 5,08 CC 22R 5,08 CC | 5% NK3 * | 330R 5,08 CC 22R 5,08 CC 100R 5,08 CC 100R 5,08 CC 330R 5,08 CC | 5% NK3 SOVEOR 5% NK3 SOVEOR | 1 1 1 |
| | R R R R | -090 -091 -092 -093 -094 | 2905002200 2905001500 2905002200 2905018200 2905022200 | 100K 5,08 CC | 5% NK3 * 5% NK3 * 5% NK3 * 5% NK3 * 5% NK3 * | 22R 5,08 CC 15R 5,08 CC 22R 5,08 CC 820R 5,08 CC | 5% NK3 SOUCOR 5% NK3 SOUCOR 5% NK3 SOUCOR 5% NK3 SOUCOR 5% NK3 SOUCOR | 1 1 |
| | R R R | -095 -096 -097 -098 | 2210014700 2905023300 2905031500 2905024700 | 470R 3K3 5,08 CC 15K 5,08 CC 4K7 5,08 CC | 5% NK3 # 5% NK3 # 5% NK3 # 5% NK3 # | 2K2 5,08 CC 470R 3K3 5,08 CC 15K 5,08 CC 4K7 5,08 CC | 5% N4 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR 5% NK3 SOVCOR | |
| | R R R R | -099 -100 -101 -102 -103 | 2905031500 2905041000 2905024700 2905041000 | 15K 5,08 CC 100K 5,08 CC 4K7 5,08 CC 100K 5,08 CC | 5% NK3 * 5% NK3 * 5% NK3 * 5% NK3 * | 15K 5,08 CC 4K7 5,08 CC 15K 5,08 CC 100K 5,08 CC 4K7 5,08 CC 100K 5,08 CC | 5% NK3 SOUCOR 5% NK3 SOUCOR 5% NK3 SOUCOR 5% NK3 SOUCOR | 1 |
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| 12.86 | *0274800100 10 | MODULATIONS '2' 730A | ************************************** | | PAGE 20 |
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| REPERE INDEXE | REF. ADRET PART NUMBER | DESCRIPTION | PART DESCRIPTION | FOURNISSEUR/PLAN SUPPLIER/DRAWING | QTE QTY |
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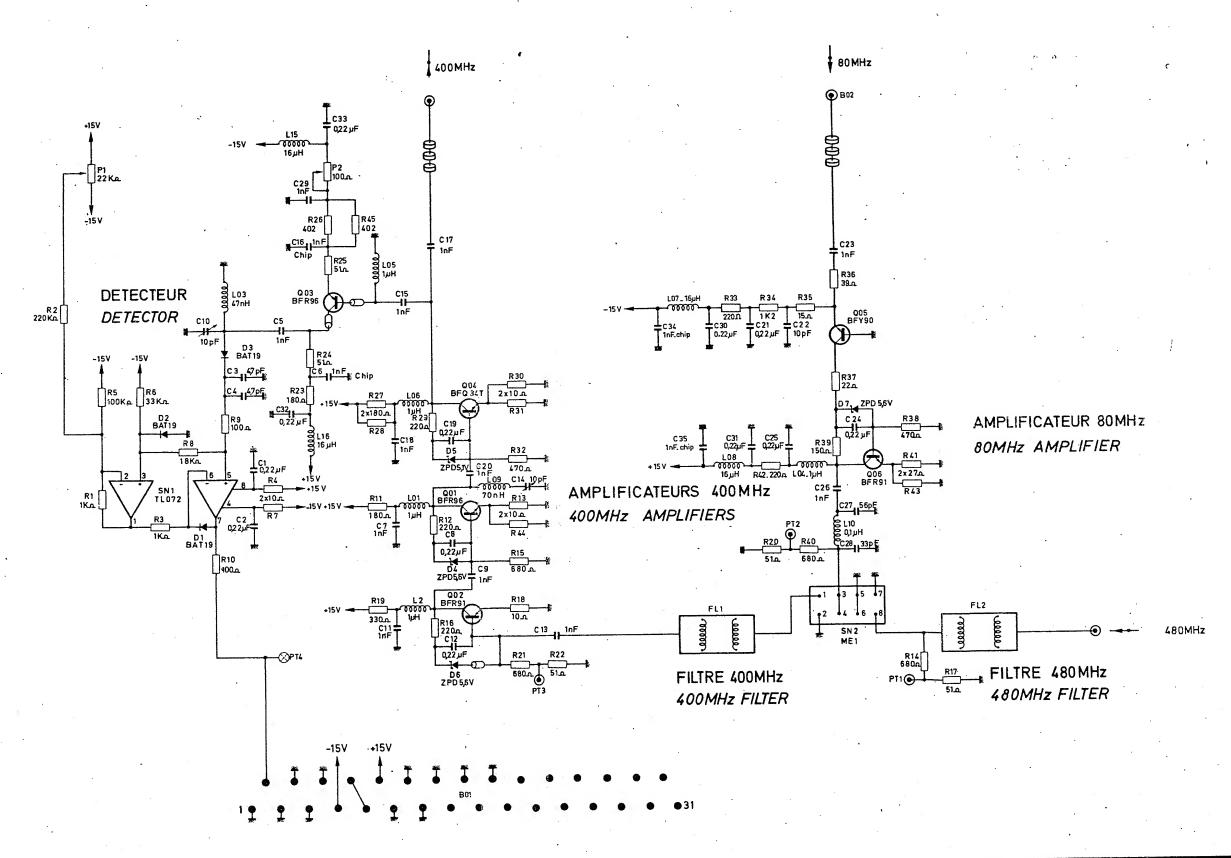
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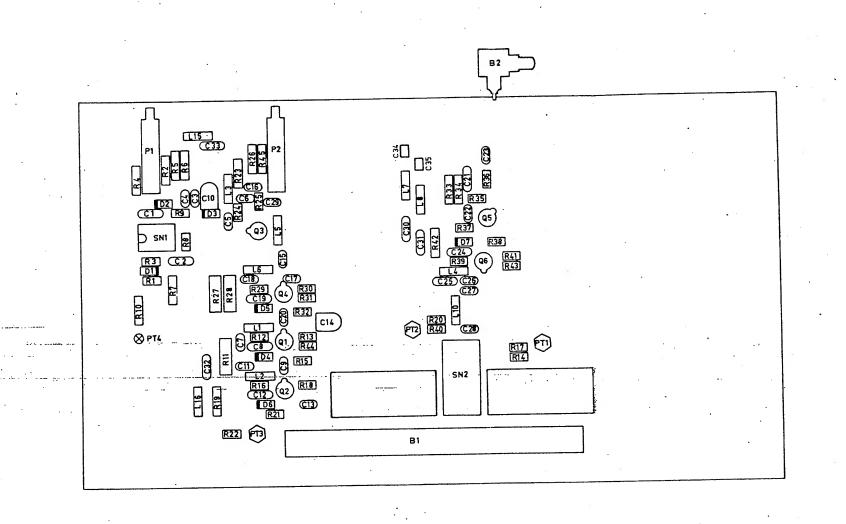
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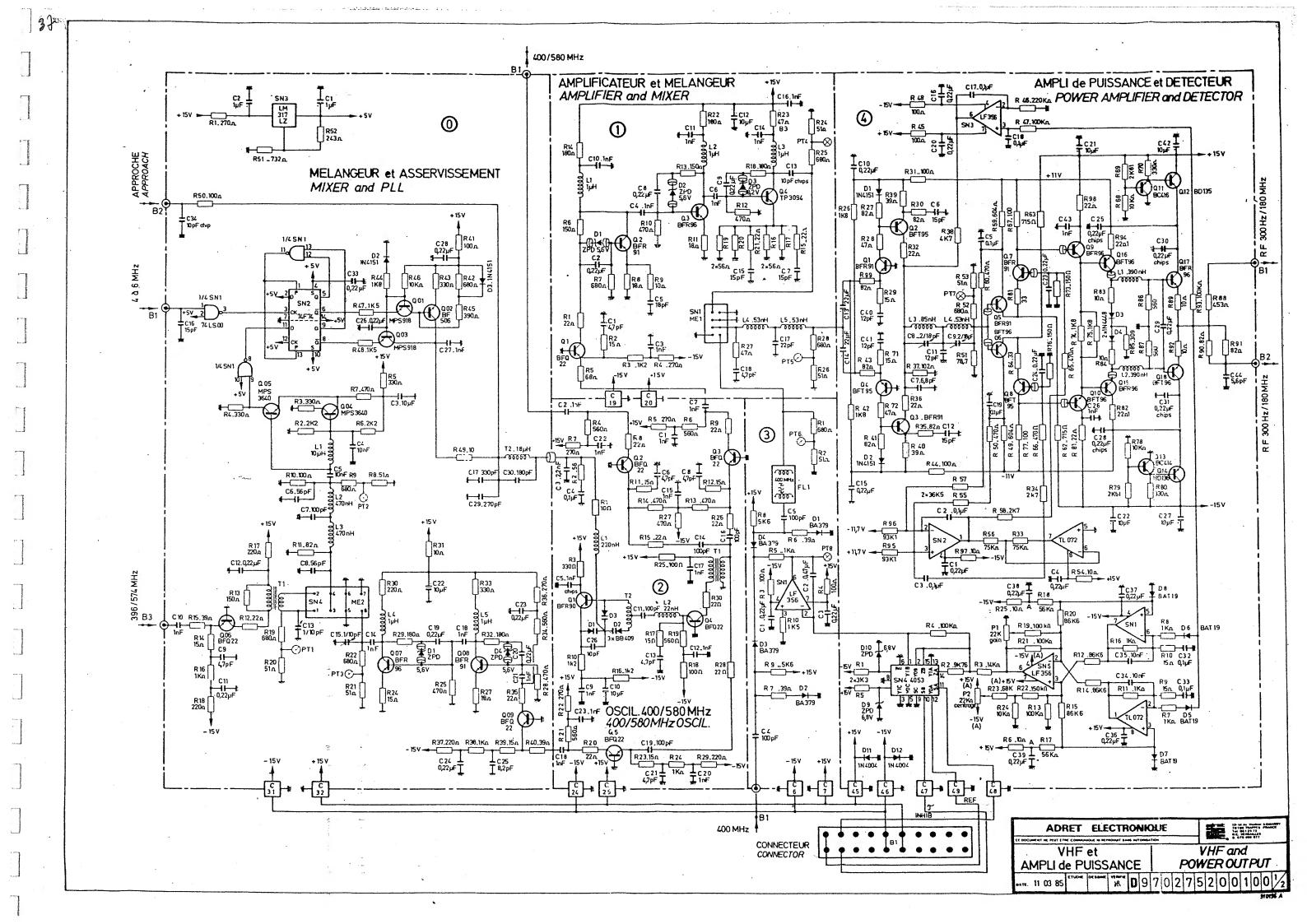
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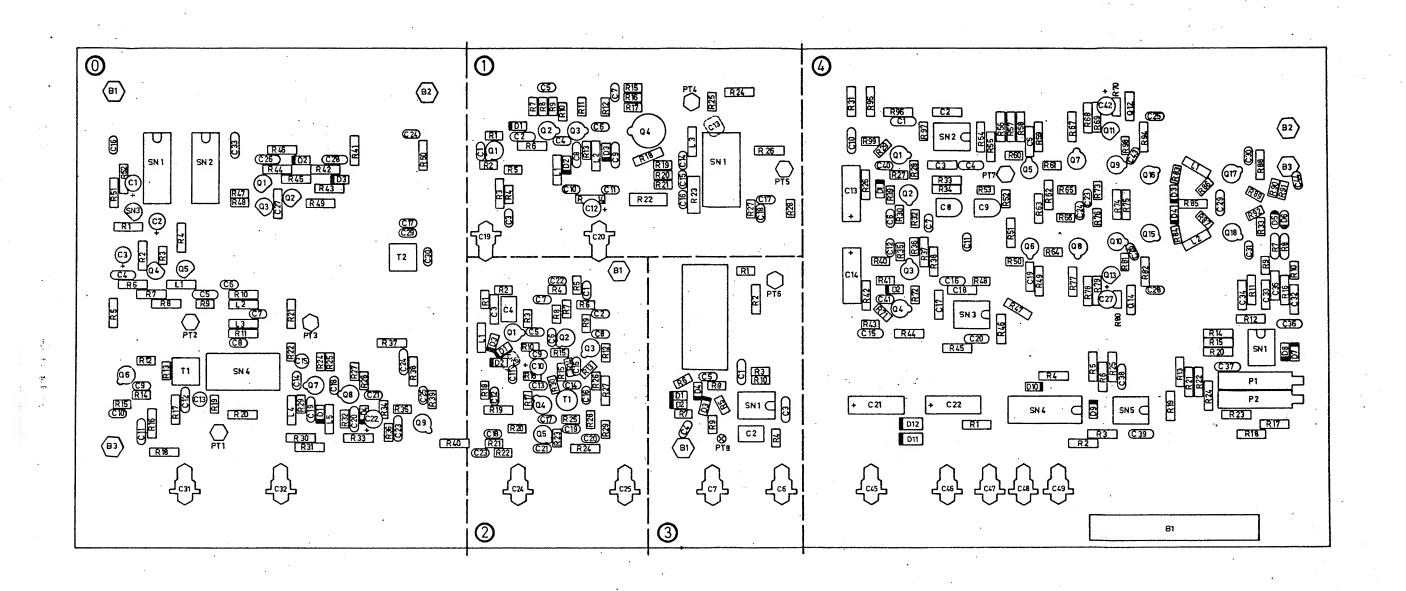
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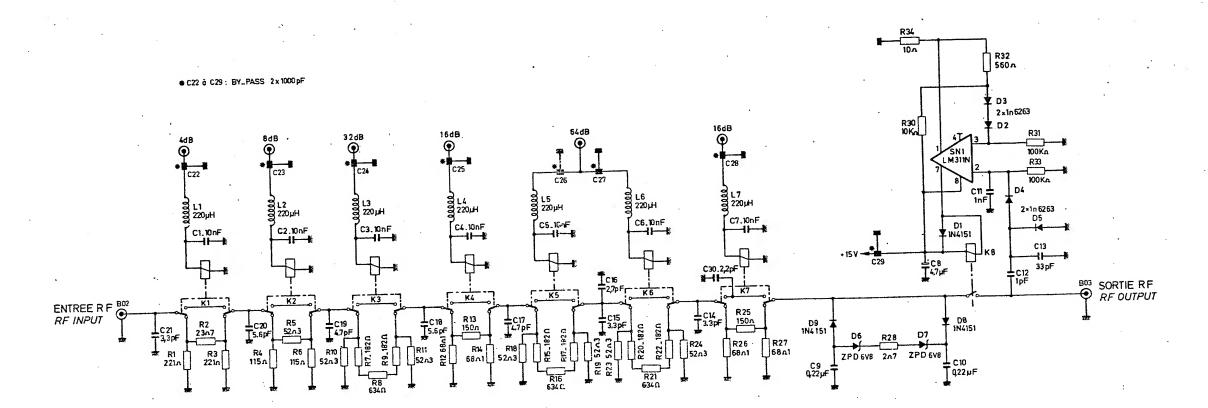
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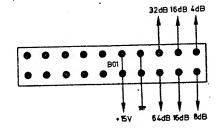
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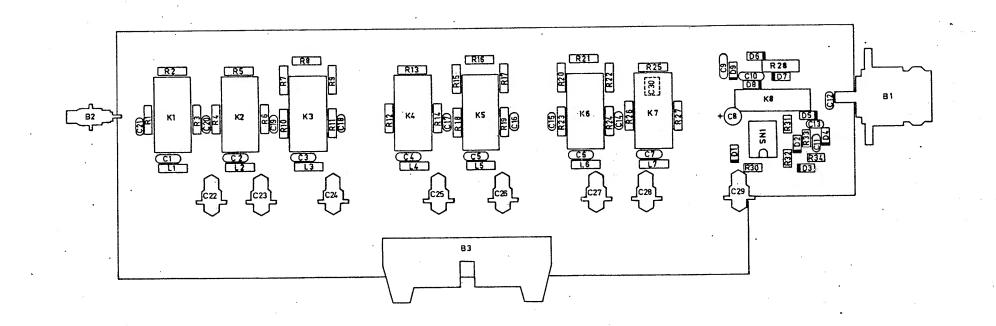
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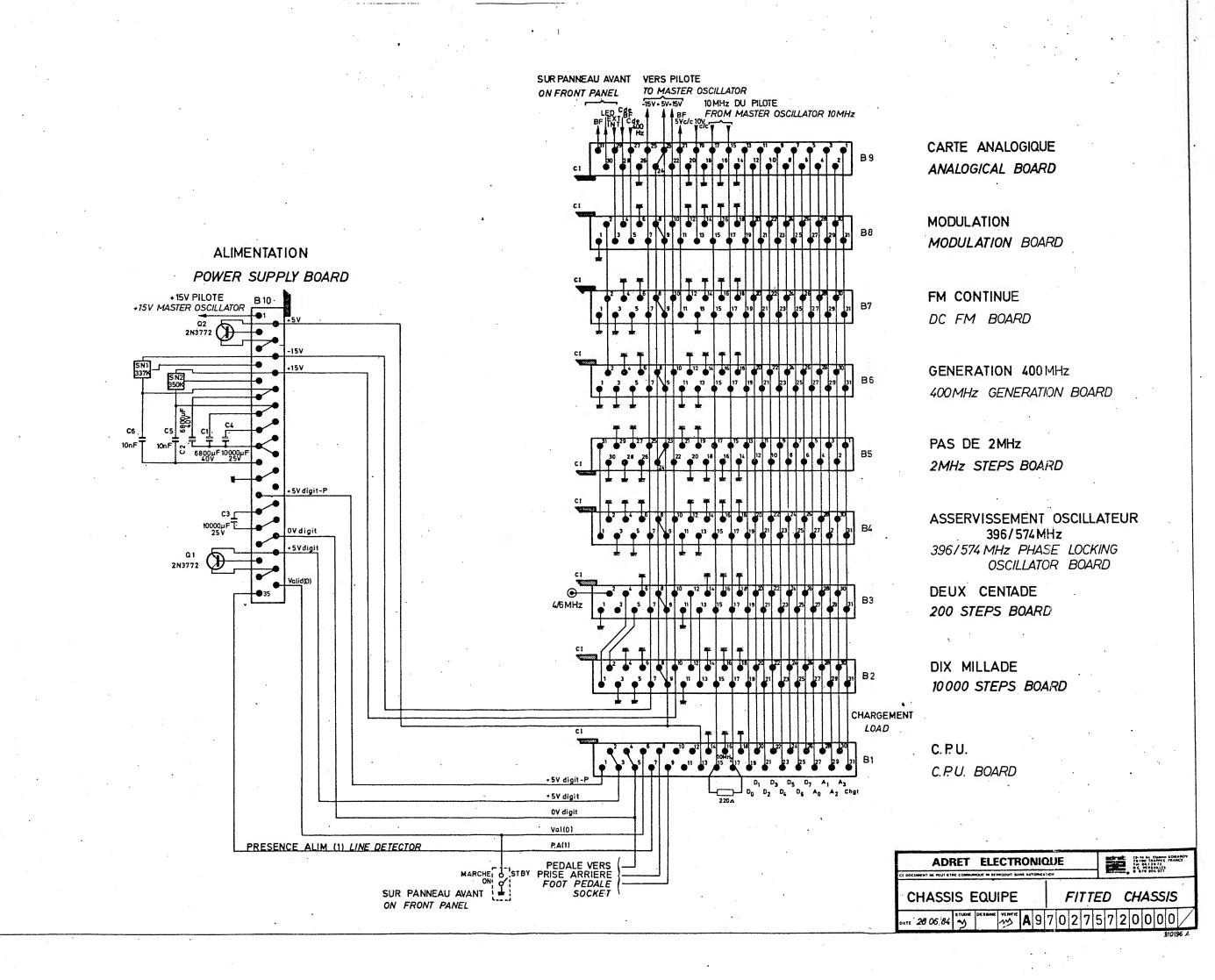
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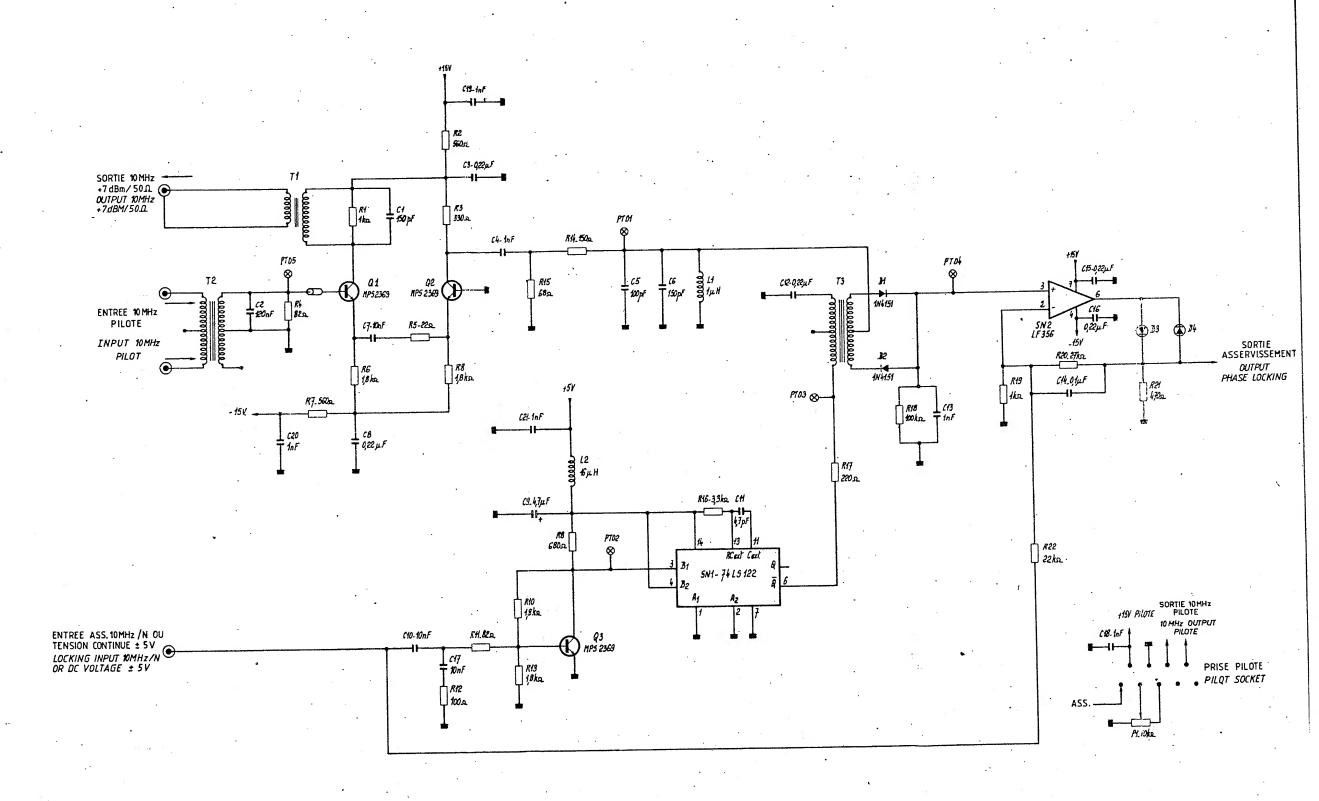
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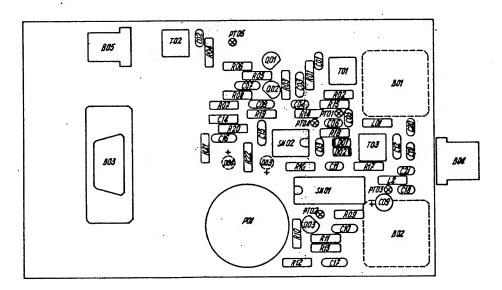
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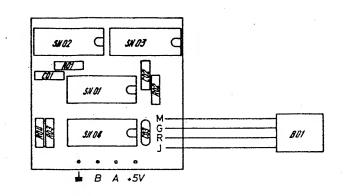
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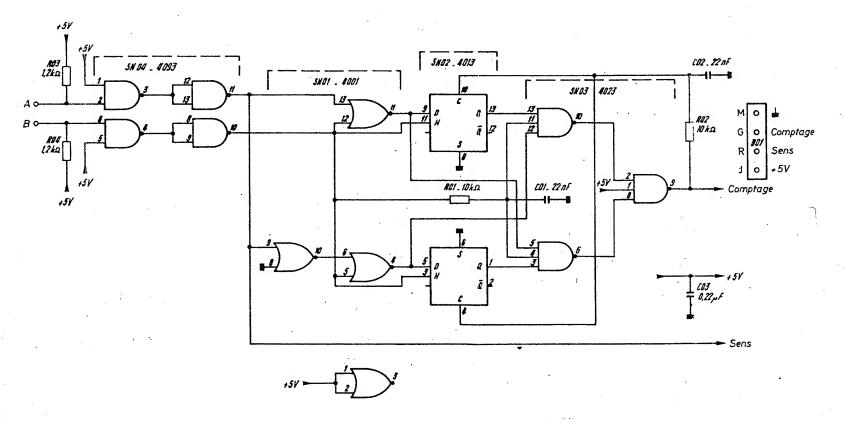
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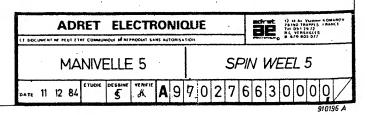
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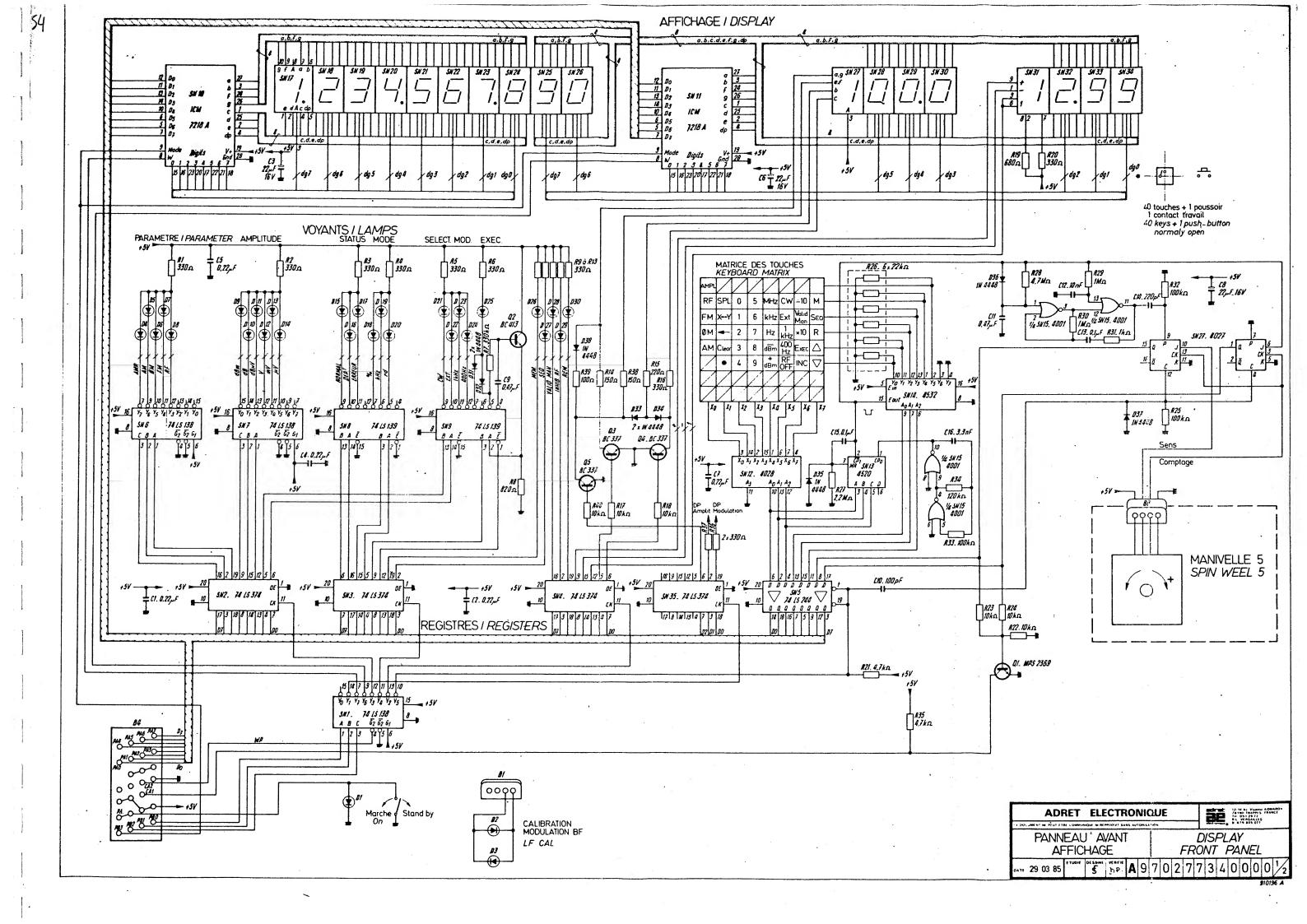
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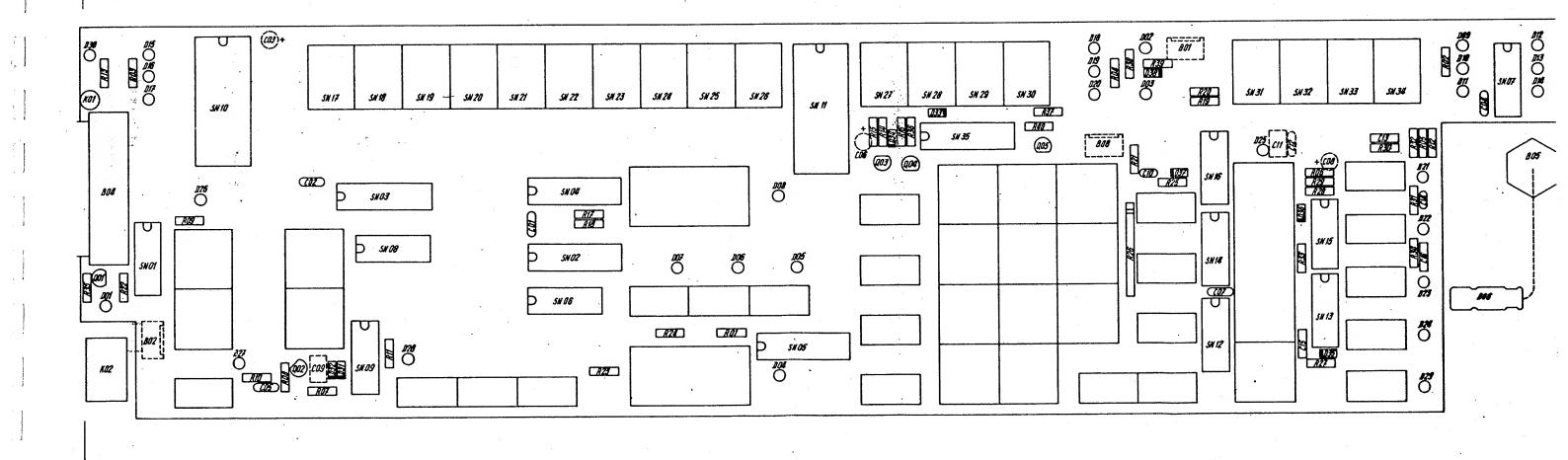






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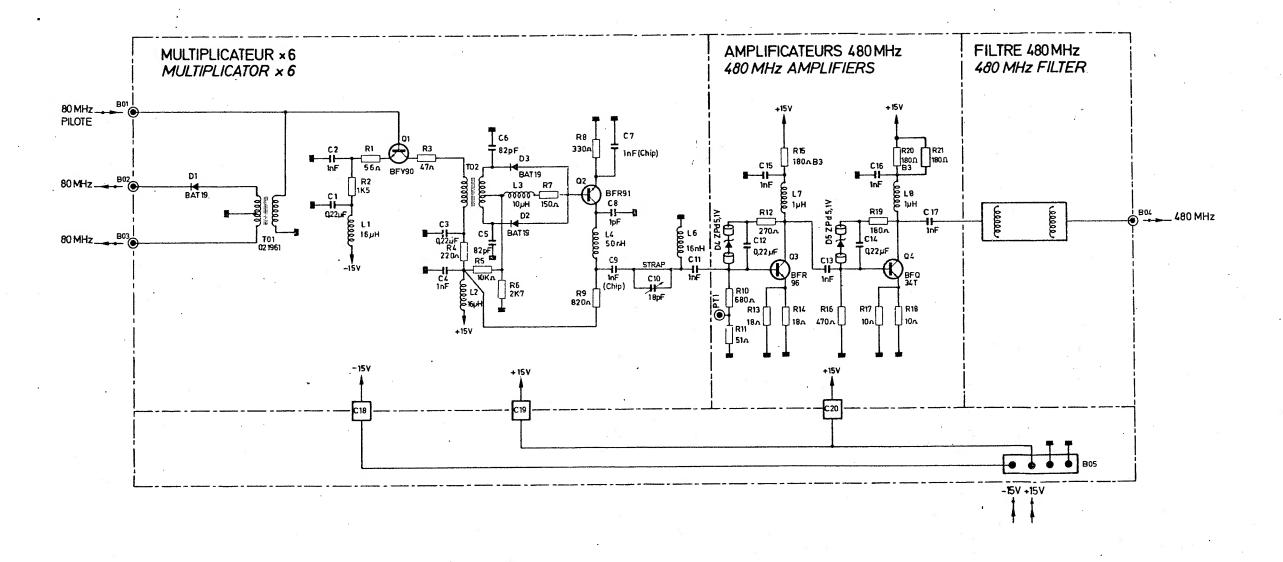
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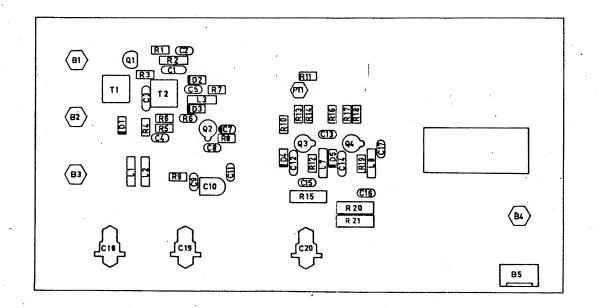
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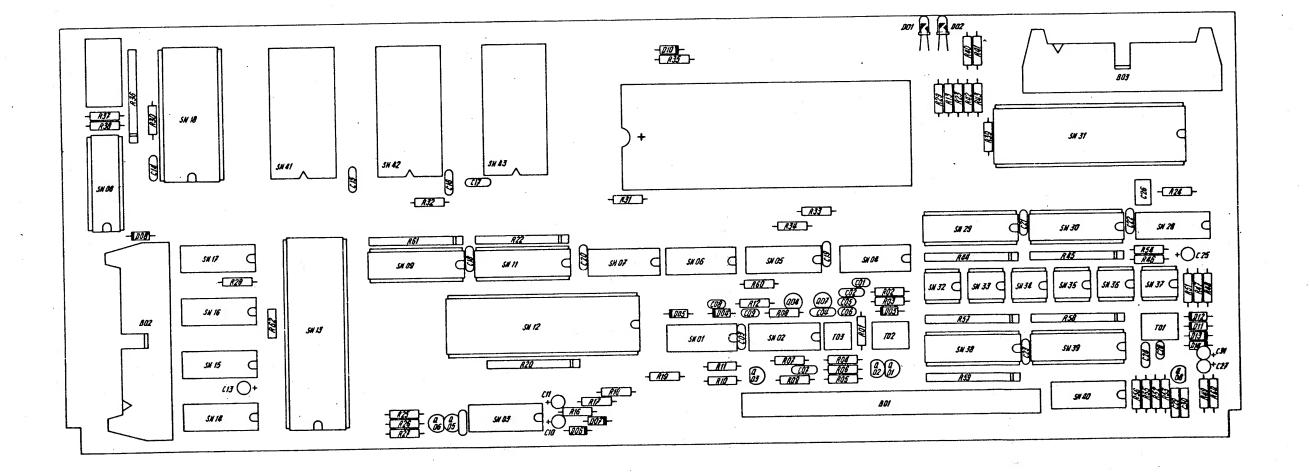
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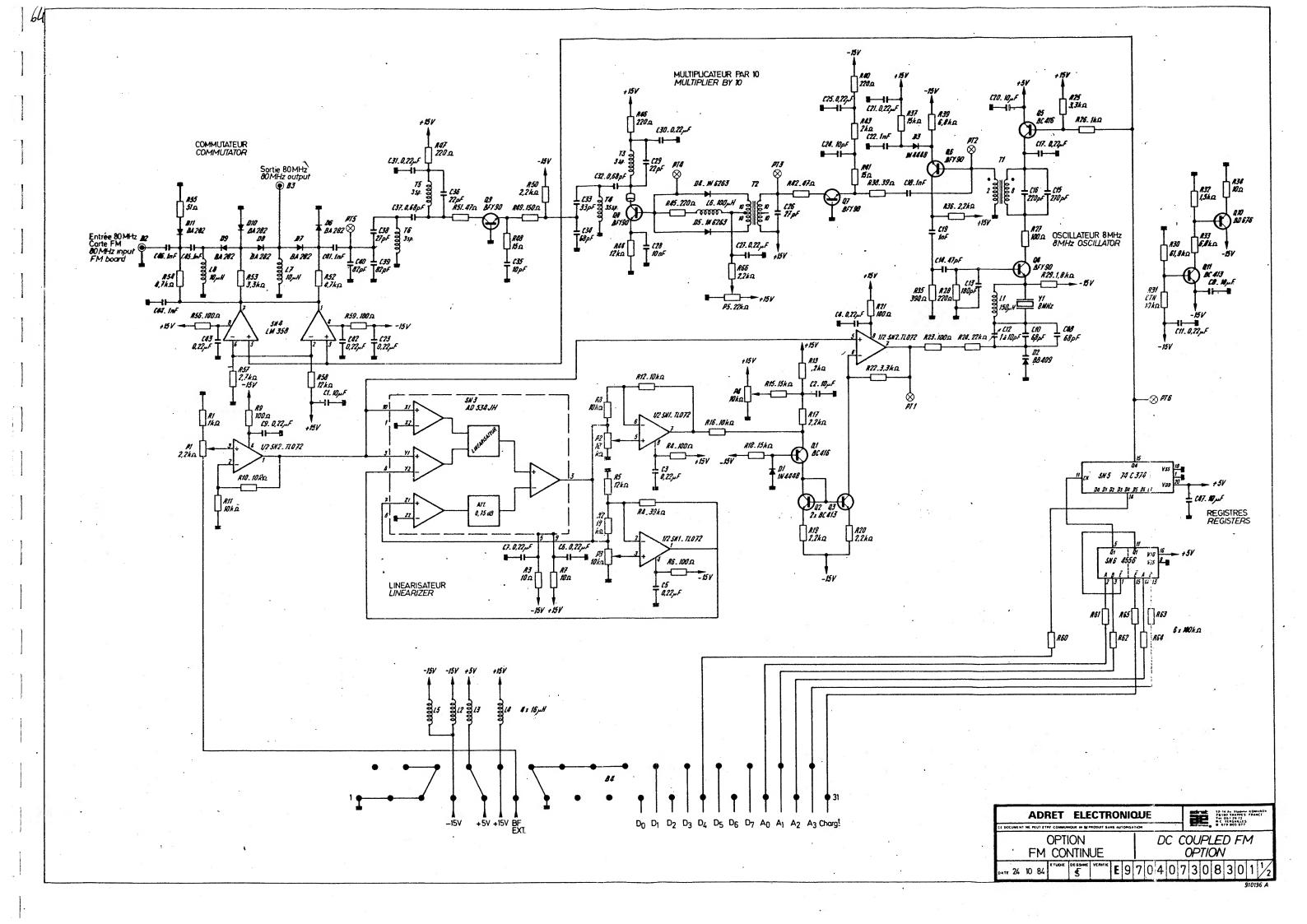
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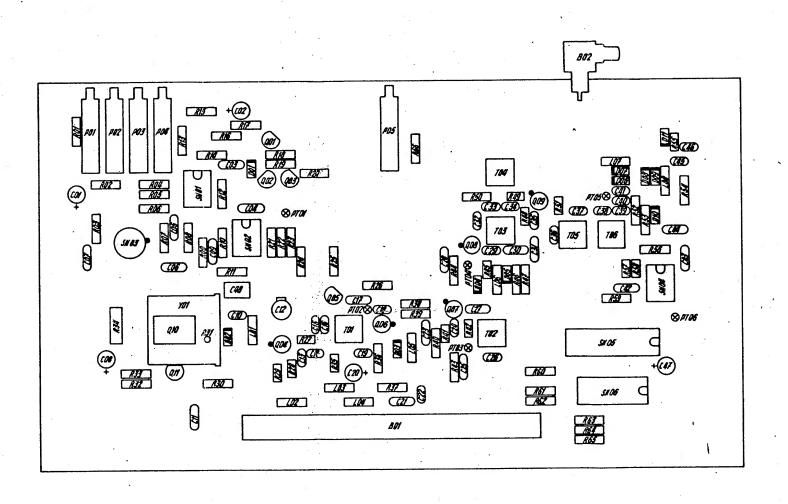
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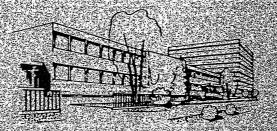
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LISTE des COMPOSANTS

COMPONENTS LIST

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12; svenue: Vladimir Komarov. • BP 33-78192 Trappes Codes = France > 10. Telefax 051:00.74 • Telex ADREL 697821F • Saret 679805077 - 68044 • CE 2008.

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| SW 74 LS 123 N 3 SW 74 LS 126 N 3 SW 74 | | | 17 LED HLMP-1503 3.17 LED HLMP-1503 3.17 LED HLMP-1401 9PTO COUPLER TLP 504 A 01UIDER 64 | 22HHF 20x 25U Z5U-1808 10PF 5x 63U SNPB CEC 2E 20PF 10x 63U SNPB CEC 2E NF 10x 63U SNPB CEC 2E NF 10x 63U SNPB CEC 2E PLEB HN26 | 350 5.08 SIAND L IAG CTS13 50 2.54 20% REF:489D A1 50 2.54 20% REF:489D A1 50 L14 20% STAND L TAG SU L14 20% STAND I TAG | F REF C010 808 23109 F REF C010 808 23209 F REF C010 808 23209 F STAND L TAG U S, 08 STAND L TAG U S, 08 STAND L TAG CTS13 | 60PF 7.62 2x 250V 59SP 47PF 2.5 5x 160V CA152 68PF 2.5 5x 160V CA152 00MHF 40V FELSIC C039 000MHF 25VFELSIC C039 | PART DESCRIPTION |
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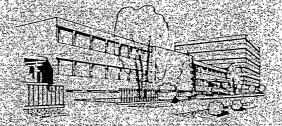
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ADRETELECTRONIQUE®



Liste des sous-ensembles

MAINTENANCE

RECOMMENDED sub-assemblies

or PC board

ADRETELECTRONIQUE 12. avenue Vladimir Komarow • BP 33-78192 Trappes Cedex • France • Tél. 051:29-72
Téléfax 051:00-74 • Téles-ADRET 697821 F • Siret 679805077 - 00014 • CCPParis 2179704 •

NORME

| 730A 0273820100 1 | | REF ADRET QT PART NUMBER QT | TY | DESCRIPTION | 720A | | | DESCRIPTION | | SUPPLIER/DRAWING | |
|---|--|---|---|--|--|--|--|--|--|--|--|
| 0406313000 1 OPTION(1) -80MHZ 10-9 631C = OPTION(1) 80MHZ 10-9 631C ADRET 3407308301 1 05 OPTION 2 FM/DC | in the state of th | 9273820100 9274660100 9274750000 9274760000 9274770000 9274780000 92747890000 9275200100 9275710100 9276450000 9276970000 9276970000 9406293000 | and | 02 ASSERVISSEMENT '2' 06 REDRESSEUR REGULATION 03 CARTE DIX MILLADE 04 CARTE DEUX CENTADE 05 CARTE ASS.MENT 400/580 14 CARTE PAS DE 2MHZ 08 CARTE GENERATION 400 05 MODULE UNF (22,908M) 01 BLOC ATTENLATEUR 'ONR' 10 MODULE GENERATION 480 04 CPU '2' 01 FACE AVANT AFFICHAGE'3' PILOTE STD 80MHZ 10-7 0PTION(1) 80MHZ 10-9 | 740A 740A 730A 730A 730A 730A 730A 730A 730A 73 | = 02 = 06 = 03 = 04 = 05 = 14 = 08 = 05 = 01 = 10 = 04 = 01 = 07 | 80NHZ PH/ POWER SUF 10 000 ST 200 STEPS 400/S80 F 2MHZ STEF 400 GENEF 400 GENEF 480 GENEF CPU '2' DISPLAY F D MASTER (TION(1) | ASE LOCKING'2' PPLY BOARD PPLY BOARD S BOARD HASE-LOCK OSC S BOARD RATION BOARD E (22,908H) OR ASSBLY'OHR' RATION HODULE. FRONT PANEL'3' DSC.80HHZ 10-7 80HHZ 10-7 | 740A 740A 730A 730A 730A 730A 730A 730A 730A 740A 730A 629C | F92 898897 F92 098697 E92 C98697 092 C98697 H92 C98697 H92 C98897 H91 C98097 C92 A97 J92 E98097 E91 A98E97 A98E1 | |

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| | | 730A | ******************************* | | |
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| | 0275530000 1 0276050000 1 | OD ME2 MODULATEUR AUREL ME2 | * 01 HE1 MODULATOR (ADRET) . HE1 * 00 HE2 MODULATOR ADRET HE2 | B93 | |
| | 1007400000 1 | TRANSFO ALIM 740A | TRANSFONER POUER SUPPLY. 740A RELAYS 2 REV. G2V-234P-NT.120C | H93 | |
| L-4 | 1600090000 I 1600120000 I | RELAIS 2 INV. G2V-234P-NT.12DC | RELAYS 2 REV. G2V-234P-NT.120C RELAY/EMPTY REF R6882-2 | OMRON | |
| | 1720004600 1 | 1A FST 6,2X3,2 REF 034-3417 | * 1A FST 6.3X3.2 REF 034-3417 | ARNALI D | |
| | 1720005800 1 | 2A FST6332 REF 034-3420 | * 1A FST 6.3X3.2 REF 034-3417 * 2A FST6332 REF 034-3420 | ARNOULD | • |
| *** | 2000090000 1 2123100500 1 | THERMOPA REF 1528722077050 10K 0.25% BOB 10T AVE ET 534 | ** THERMOPA REF 1528722077050 ** 10K 0,25% 808 10T AXE FT 534 ** 100R 3/4" 15T CERNET 43 P ** 2K2 3/4" 15T CERNET 43 P ** 10K 3/4" 15T CERNET 43 P ** 22K 3/4" 15T CERNET 43 P ** 47R T05 CERNET T 7 YA ** 470R T05 CERNET T 7 YA ** 1 K T05 CERNET T 7 YA ** 1 K T05 CERNET T 7 YA ** 1 K T05 CERNET T 7 YA ** 1 CONTROL TO | COMEPA | 0700 MUL 1010 |
| | 2131100000 1 | 100R 3/4" 15T CERNET 43 P | * 100R 3/4" 15T CERNET 43 P | SPECTROL | PM63 T19P 932 |
| | 2132220000 1 2133100000 1 | 2K2 3/4" 15T CERNET 43 P | * 2K2 3/4" 15T CERNET 43 P | SPECTROL | |
| | 2133220000 1 | 22K 3/4" 15T CERNET 43 P | " 10% 3/4" 151 CERTE 43 P # 22% 3/4" 151 CERMET 43 P | SPECIRUL | PM63 119P 932 |
| | 2150470000 1 | 47R TOS CERHET T 7. YA | * 47R TOS CERMET T 7 YA | SFERNICE | 1102 1131 335 |
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| | 2154100000 I 2610911800 I | 100% US LEKTE / YA 9X1808 2% 43109-101-181 | * 100K 105 CERMET T 7 YA | SFERNICE | |
| <u> </u> | 2610922200 1 | 9X2K2 2X 4310R-101-222 | = 9X2K2 2% 4310R-101-181 | BOURNS | |
| | 2610924700 1 2610932200 1 | 9X4K7 2% 4310R-101-472 | 9X4K7 2X 4310R-101-472 | BOURNS | |
| | 3500380000 1 | 5800MME 400 FFESTE FRIS | 100K 105 CERNET | BOURNS | NCC-LITED OD 1 |
| | 3500560000 1 | 10 000MF 25VFELSIC C039 | " 10 000191F 250FELSIC C039 | SIC SAFCO | NFC-UTEC 83-1 |
| | 3500570000 1 3600050000 1 | 2/10 PF PFE COID 202 2310 | 10 0000 150 FELSIC C039 10000 500 REF E035 2/10 PF REF E010 808 23109 4/20 PF REF E010 808 23209 | RIC | |
| | 3600120000 i | 4/20 PFREF C010 808 23103 | # 4/20 PF REF CO10 808 23109 | RIC (COIO) | ENZ 106 |
| | 3600170000 1 | 2 A 10PF DUS3A10 | # 2 A 10PF DVS3A10 | JFO | |
| | 3700010000 1 3700020000 1 | U,4/MM-/35U 5,08 STAND L TAG THMF/35U 5 OR STAND L TAG | * 0,47MMF/35U 5,08 STAND L TAG | STC | |
| | 3700090000 1 | 4.7MMF/35U L14 CTS13 | * 4.7HHF/35U L14 CTS13 | : STU I SPRAGLE | NEC-LITEC 83-1 |
| 27.72 | 3700100000 1 3700140000 1 | 4,7MMF/35U 5,08 STAND E TAG | 4 7744F/35U 5.08STAND L TAG | STC | 0 0120 00 1 |
| | 3700150000 1 | 10MMF/250 2.54 20% RFF-4890 A1 | " 10##/250 L14 20% C[SI3 | SPRAGUE | NFC-UTEC 83-1 |
| | 3700160000 1 | 10MMF/25U 5,08 STAND L TAG | # IONNE/25U 5,08 STAND L TAG | STC | |
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| - | 4000160000 1 | LD 3,17 ROUGE HLMP 1002 | # RED 3.17 LED HIMP 1002 | iS(t)HP | |
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| and the same | 4000290000 1 | AFFICHEIR +/ 1 HOSP SSUU(FAG) | ■ UZSETVIEK O\A HOSE 2240(FEE) | HP. | • |
| | 1000310000 | LED 3.17 VERT HERP 17014 | * GREEN 4 17 15-11 MIND-1503 |) UD | • |
| | 4000320000 1 4000330000 1 | LEU 3.1/ JAUNE HIMP-1401 | * YELLOW 3.17 LED HLMP-1401 * DOUBLE OPTO COUPLER TLP 504 / | LIO | |
| | 4100066400 1 | OPPUR OTATZERK PA | * HEEAR 'DIUTBER EY' | TELECIMIEN: | |
| | 4100344800 1 4100864700 1 | MC 3448 AP | " N. 3948 AP | . MOTOROLA | |
| •••••• | 4100864700 1 4101010900 1 | SP 8647 B | * SP 8647 B * MC 10109 L'CERANIE' | PLESSEY | |
| | 4101013100 1 | | | | |
| | 4150740000 1 4150740400 I | SN 74 LS 00 N 3 | " SN 74 LS 00 N 3 | TEXAS | • 9 |
| | 4150740500 1 | 31/ 1 [2] (3) (4) | ~ 3N /4 L3 U3 N 3 | I LYAC | |
| - | 4150741000 1 | 5N /4 L5 10 N 3 | " SN 74 IS 10 N 3 | TEYAG | |
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| | 4150747400 1 | 3N /7 L3 /9 N3 | * SN /4 IS /4 N3 | TEVAC. | |
| | 4150748300 1 4150748500 1 | 3N /4 F2 R3 M 3 | " SN 74 15 83 N 3 | TEYAC | |
| | 4150748500 1 4150748600 1 | SN 74 15 85 N 3 | " SN /9 LS 85 N 3 | . TEXAS | |
| | 4157410700 1 | SN 74 LS 107 AN 3 | SN 74 LS 107 AN 3 SN 74 LS 122 N | . TEXAS | |
| | 4157412200 I 4157412300 I | SN 74 LS 122 N | * SN 74 LS 122 N | . TEXAS | |
| | 4157413200 1 | SN /4 LS 132 N 3 | * SN 74 15 132 N 3 | TEVAC | |
| | 4157413800 1 | 2N /9 ES 138 N 3 | W SN /4 I S 138 M 2 | TCVAC | |
| إسا | 4157413900 1 4157415600 1 | 3N /9 15 139 N 1 | SN 74 LS 139 N 3 SN 74 LS 156 N 3 | TCVAC | |
| | 4157416200 | SN 74 LS 162 N 3 | SN 74 LS 156 N 3 | TEXAS | |
| | 4157416300 1 4157419600 1 | SN 74 LS 163 N 3 | " SN 74 LS 162 N 3 | . TEXAS | |
| | 4157419600 1 4157424400 1 | SN 74 LS 244 N 3 | " 5N /4 L5 196 N 3 | - TEXAS | |
| | 4157437400 1 | SN 74 LS 374 N 3 | * SN 74 LS 374 N 3 | . TEXAS | |
| | 4160400100 1 4160400200 1 | U-MUS 4001 | C-HOS 4001 C-HOS 4002 | . RTC | |
| | 4160401300 1 | C-NOS 4002 C-NOS 4013 | * C-MOS 4013 | . RTC | |
| | 4160401700 I | C-MOS 4017 | C-MOS 4013 | RTC | |
| 57 | 4160402300 1 | C-MOS 4023 | ■ C-MOS 4023 | . RTC | |
| | | | • | | |

| F | REF ADRET | QTE | DESCRIPTION | | | | | |
|--|----------------------------|--------|--|---------------------|-----------------|---|----------------------|--------------------------|
| | PART NUMBER | QTY | C-MOS 4027 C-MOS 4028 C-MOS 4042 C-MOS 4042 C-MOS 4053 C-MOS 4053 C-MOS 4053 C-MOS 4066 C-MOS 4093 C-MOS MC 14504 BCP C-MOS 4518 C-MOS 4518 C-MOS 4520 C-MOS 4528 C-MOS 4528 C-MOS 4528 C-MOS 4528 C-MOS 4528 C-MOS 4532 BP C-MOS 4556 C-MOS 74 C 374 N EPROM 8K/8 REF 2764-0C 250NS RAM 8K/8 ST REF UPD 4364-C20L N-MOS MC 6802 P N-MOS MC 6802 P N-MOS MC 6821 P PIA N-MOS MC 6822 P N-M | | PART | DESCRIPTION | SUPPLIER/DRAUING | NORME |
| - | 4160402700 | 1 | C-MOS 4027 | C-HOS | 4027 | ************* | RTC | ٠. |
| | 4160402800 | 1 | C-NOS 4042 | C-MOS | 4028 | | RTC | |
| | 4160405100 | ļ | C-MOS 4051 | C-MOS | 4051 | *************************************** | RTC | |
| | 4160405300 4160406600 | 1 | C-MOS 4053 | C-MOS | 4053 | •••••• | RTC | • |
| | 4160409300 | į | C-MOS 4093 | C-HOS | 4093 | •••••••••••••••• | RIC | • |
| Newson and Property and Propert | 4160450400 | 1 | C-MOS MC 14504 8CP | C-MOS | MC 1 | 4504 BCP | HOTOROLA | · |
| L | 4160452000 | i | C-MOS 4520 | C-NOS | 4518 | •••••• | RIC | |
| | 4160452800 | 1 | C-MOS 4528 | C-MOS | 4528 | *************************************** | RTC. | |
| | 4160455600 | i | C-NOS 4556 | C-NOS | 4556 | вР | FAIRCHILD . | |
| | 4164016300 | 1 | C-MOS 40163 | C-MOS | 4016 | <u>3</u> | RTC | |
| | 4167437400 | i | C-HOS 74 C 374 N | C-MOS | 1U1 / | /218 AIJI | INTERSIL | |
| Constant of the last | 4170276400 | 1 | EPROM 8K/8 REF 2764-0C 250NS * | EPROH | 8K/8 | REF 2764-DC 250NS | AMD | |
| L. | 4170680200 | ì | N-MOS MC 6802 P | ' KAM 81 ' N-MOS | (78 S) | T REF UPD 4364-C20L | NEC MOTODOLA | |
| | 4170682100 | 1 | N-MOS MC 6821 P PIA | N-MOS | MC 6 | 821 P PIA | MOTOROLA | |
| - Common of the | 4180747400 | 1 | N-74 F 74 N . | N-MOS | HC 6 | 8488P 9U | MOTOROLA | |
| <u>l</u> | 4200320000 | 1 | LF 356 N 8+ | LF 350 | N B | · · · · · · · · · · · · · · · · · · · | NS. | |
| - | 4200380000 | i I | IL U/2 CP | TL 07 | CP. | 04 (010 0) | TEXAS | |
| - Committee | 4200470000 | Ī | LM 317 LZ REGUL POSITIVE TO92 | LM 31 | ZZI | POSITIVE REGUL TO92 | NS: MOTOROLA | • |
| 1 | 4200480000 | 1 | LN 317 T REGUL POSITIVE TO 220 " | LH 317 | TP | OSITIVE REGUL TO 220 | NS: | |
| | 4200620000 | i | LM 3080 N /8+ | LN 308 | 30 N Z | 8+ | NS . NS | |
| - | 4200640000 4200660000 | . 1 | LM 337 K REGUL'-1 A -37V' | LM 33 | KR | EGUL'-1 TO -37V' | NS | |
| <u></u> J | 4200720000 | i | NE 5534 AN | NE 55: |) K 31 34 AN | N | NS RTF | |
| · | 4200770000 (4260711500 | . 1 | AD 534 JH | AD 53 | 1H | *************** | ANALOG DEVICES | |
| | 4260752500 | i | DAC AD 7525 KN | DAC A | 752 | 5 KN | ANALOG DEVICES | |
| 1 | 4300110000 4300150000 | | BC560C /416C/415C/559C(8C214C) = | BC5600 | /41 | 3C/415C/559C(8C214C) | RIC | |
| _1 | 4300190000 | î | BC550C /414C/413C/549C(BC184C) * | BC5500 | 369 : 741 | YC/413C/549C(8C184C) | MOTOROLA RTC | |
| | 4300250000 4300270000 | 1 | BFR 90 POINT MARRON C.ENTREE BFR 96 POINT ORANGE C.ENTREE | BFR 90 | INP | IT CHECK BROWN POINT | RTC | |
| | 4300280000 | į | BFR 96 POINT ORANGE C.ENTREE BFR 91 POINT ROUGE C.ENTREE BFQ 22-S REMPLACE ONS43 BFT 95 POINT VERT CE TP 3094 B0 135 T0126 B0 136 T0126 | BFR 9 | I | NPUT CHECK RED POINT | RIC | • |
| - | 4300370000 | i | BFT 95 REMPLACE ONSY3 * | BFQ 2 | 2-S E TNO | SUBSTITUTE TO ON543 | RTC | |
| | 4300400000 | 1 | TP 3094 | TP 30 | 34 | OI CHECK PREEN LOTAL | reu Tru | |
| | 4300430000 | a 1 | BO 136 | ' 80 13! ' 80 13 | · · · | T0126 | AEG | |
| | 4300470000 4300570000 | 1 | BFQ 32/BFT 96 POINT UTOLET C.F. | REGIS | PAET | 96 T C HTOLET POTAT | וייי אבטי מזר | |
| | 4300580000 | ì | | | | | | |
| | 4300590000 | į | BC 337-25 TO 92 (2N2222) BD 677 TO 126 (EX 675) | 80 67 | 7 10 | 126 (EX 675) | MOTOROLA | |
| - | 4300600000 4300610000 | 1 | BF 506 | HPS 3 | 540 . | • | HOTOROLA | |
| | 4300620000 4300630000 | 1 | MPS 918 | MPS 9 | 8 | · · · · · · · · · · · · · · · · · · · | MOTOROLA | |
| i | 4300670000 | ì | 2N 3772 | 90 671 20 37 | 3 A (1 | EX 676) | MOTOROLA | |
| | 4300720000 4300750000 | 1 | BD 677 TO 126 (EX 675) MPS 3640 BF 506 MPS 918 BD 678 A (EX 676) 2N 3772 BFY 90 BFQ 34T BF 256 B (EX 2458) 1N4151 1N4004 BY 251 BA 282 1 N 4448 | BFY 9 | <u>)</u> | ········ | RIC | |
| | 4400140000 | l | BF 256 B (EX 2458) | ' BF 251 | t⊧ 6 β (1 | FX 2458) | RTC | |
| لبا | 4500020000 4500040000 | l | IN4151 | INHIS | į | | FU ITT | |
| \neg | 4500050000 | î | 8Y 251 | 1000 BY 25 | 1 L | • | III | |
| | 4500200100 4500310000 | 1 | BA 282 | BA 28 | 2 | ···· | STEMENS | |
| اسا | 4500340000 | 1 | DA 7/36 (1111) PIN) | I DA U7 | ac (D | TN DIODES | TCU | |
| | 4500450000 4500540000 | 1 | 00 103 (31140140) | יור ממי | 3 (SI | NNUNKU) | STEMENS | |
| | 4500550000 | 1 | | | | | | |
| لنا | 4500560000 4500600000 | ^ 1 | OF 643 (OF555-884058) 8AT 19 APRES TRI | BAT 1 | j | 'AFTER SORT' | THOMSON | |
| \neg | 4600010000 | i | ZPO 4.7 | * 80 80 * ZPN 4 | .7 | • | RTC | |
| | 4600030000 4600040000 | 1 | ZPOS 1 | ZPOS. | į | • | îit | |
| ل | 4600050000 | i | ZPO 6.2 | - 2005. - 200 k | 2 | •••••••• | III | |
| :1 | 4600080000 4600100000 | 1 | ZP06,8 | ZP06. | <u> </u> | •••••• | İİİ | |
| | 4600120000 | i | ZP08.2 | ZP08 | 2 | | III | |
| ل_ | 4600440000 5300070000 | 1 | LN 336 BZ 2.50 | LH 33 | S BZ | 2.5U | NS . | * |
| | 5300090000 | î | BAT 19 APRES TRI' BB 809 ZPD 4.7 ZPDS.1 ZPDS.6 ZPD 6.2 ZPD6.8 ZPD7.5 ZPD8.2 LM 336 BZ 2.5U 0.047MH REF 53809 0.068MMH REF 53813 | 0.068 | MHH R | EF 53813 | FUTUKEGA FUTOREGA | T-TR.G LNZ T-TR.G LNZ |
| 1. | • | | | | | | | , , |

| | | | | 5 |
|----------------------------------|---|---|--|--|
| REF ADRET QTE PART NUMBER QTY | DESCRIPTION P/ | NRT DESCRIPTION SU | IPPLIER/ORAUING | NORME |
| 5900070000 1 GENERATI | ORE 53802 DEL 1025-00 = 0,15994 ORE 53806 DEL 1025-04 = 0,221994 ORE 53810 DEL 1025-08 = 0,39994 ORE 53812 DEL 1025-10 = 0,39994 ORE 53814 DEL 1025-12 = 0,47994 ORE 53818 DEL 1025-12 = 0,47994 ORE 53818 DEL 1025-12 = 0,47994 ORE 53836 DEL 1025-20 = 1,0994 ORE 53836 DEL 1025-36 = 4,7994 ORE 53836 DEL 1025-36 = 4,7994 ORE 53836 DEL 1025-36 = 4,7994 ORE 53836 DEL 1025-36 = 1,0994 ORE 53836 DEL 1025-36 = 1,0994 ORE 53836 DEL 1025-36 = 1,0994 ORE 53836 DEL 1025-68 = 1,0994 ORE 53836 DEL 1025-68 = 1,0994 ORE 53836 DEL 1025-76 = 2,20994 ORE 53836 DEL 1025-80 = 3,30994 | ORE 53802 DEL 1025-00 OR ORE 53806 DEL 1025-04 OR ORE 53810 DEL 1025-08 OR ORE 53812 DEL 1025-10 OR ORE 53818 DEL 1025-12 OR ORE 53818 DEL 1025-20 OR ORE 53838 DEL 1025-34 OR ORE 53838 DEL 1025-34 OR ORE 53842 DEL 1025-34 OR ORE 53874 DEL 1025-40 OR ORE 53874 DEL 1025-68 OR ORE 53874 DEL 1025-68 OR ORE 53874 DEL 1025-72 OR ORE 53874 DEL 1025-72 OR ORE 53878 DEL 1025-72 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR ORE 53878 DEL 1025-80 OR OR OR OR OR OR OR OR OR OR OR OR OR | REGA DELEVAN U-TROZI REGA DELEVAN REGA DELEVAN U-TROZI REGA DELEVAN U-TROZI | LINZ LINZ LINZ LINZ LINZ LINZ LINZ |

Garantie et Assistance - Warranty and Assistance

Ce produit ADRET ELECTRONIQUE est garanti pour une durée d'un an à compter de la date de livraison.

La garantie s'applique aux appareils ayant subi des dommages mécaniques causés lors de l'expédition en partance de ADRET ELECTRONIQUE ou présentant, à la suite de défaillance d'un élément ou d'un sous-ensemble, des caractéristiques non conformes aux spécifications techniques. Sont toutefois exclus de la garantie les dommages occasionnés par une utilisation anormale de l'instrument.

Le client s'engage, pour sa part, à ne pas intervenir sur le produit pendant la période de garantie sous peine de la perdre définitivement. Le retour et la réexpédition de l'appareil lors d'une opération de maintenance sous garantie sont pris en charge pour moitié par ADRET ELECTRONIQUE.

Passé le délai de garantie, la Société reste bien entendu au service de ses clients en leur offrant son concours pour toutes éventuelles opérations de maintenance.

Pour tous renseignements complémentaires, veuillez contacter votre représentant ADRET le plus proche, les coordonnées de nos principaux agents étant données dans le tableau ci-dessous.

The ADRET ELECTRONIQUE product is guaranteed for a period of one year from the date of delivery.

The warranty applies to equipment with mechanical damage sustained during shipping from ADRET ELECTRONIQUE, or failing to conform to the technical specification due to faulty components of sub-assemblies. The warranty does not cover damage caused by incorrect use of the instrument.

The client for his part undertakes not to interfere with the equipment during the warranty period, failing which the warranty is rendered word. One half of the cost of returning and re-shipping the equipment for maintenance under warranty will be met by ADRET ELECTRONIQUE.

After expiry of the warranty period, the Company will of course remain at the service of its customers and will offer its help to them for any maintenance work that may be necessary.

For any further information, please contact your nearest ADRET representative. The addresses of our main agents are given in the table below.

Réseau commercial ADRET - ADRET commercial network

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Société DIMEL Immeuble "Le Marino" 83000 TOULON - Avenue Claude Farrère Tél: 94 41 49 63 - Télex 430 093

JCF ELECTRONIQUE 74019 ANNECY CEDEX - Annecy te Vieux - BP 964 Tél: 50_23 63 64 - Télex: 385 417

Société SOREDIA
"Les Guittais" - Chatillon sur Seiche
35015 RENNES CEDEX - BP 1413
Tél: 99 50 50 29 - Télex: 950 359

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VICOM INTERNATIONAL PTY
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VICTORIA 3205
Tél: (03) 626 931 - Télex: 36935
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